UMass Boston
2012 Summer Bulletin

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UMASS BOSTON

Key Dates & Deadlines

Summer 2012 Academic Calendar - Session 1

	CE 1 May 29 - June 28	CE 2 May 29 - July 12	CE 3 May 29 - July 26	CE Online May 29 - August 23
Registration begins	March 26 (M)	March 26 (M)	March 26 (M)	March 26 (M)
Early registration deadline	May 10 (Th)	May 10 (Th)	May 10 (Th)	May 10 (Th)
Late registration begins	May 11 (F)	May 11 (F)	May 11 (F)	May 11 (F)
Classes begin	May 29 (Tu)	May 29 (Tu)	May 29 (Tu)	May 29 (Tu)
Last day to register online [1]	May 29 (Tu)	May 29 (Tu)	May 29 (Tu)	June 1 (Fr)
Drop deadline [2]	May 31 (Th)	May 31 (Th)	May 31 (Th)	May 31 (Th)
Add/Change deadline [2]	June 5 (Tu)	June 5 (Tu)	June 5 (Tu)	June 5 (Tu)
Pass/fail/withdrawal deadline	June 15 (F)	June 22 (F)	July 6 (F)	July 20 (F)
Last day of class	June 28 (Th)	July 12 (Th)	July 26 (Th)	August 23 (Th)

Summer 2012 Academic Calendar - Session 2

	CE 4 July 2 - August 2	CE 5 July 16 - August 2	CE 6 July 16 - August 23
Registration begins	March 26 (M)	March 26 (M)	March 26 (M)
Early registration deadline	June 12 (Tu)	June 26 (Tu)	July 3 (Tu)
Late registration begins	June 13 (W)	June 27 (W)	July 5 (Th)
Last day to register online [1]	July 2 (M)	July 16 (M)	July 16 (M)
Classes begin	July 2 (M)	July 16 (M)	July 16 (M)
Drop deadline [2]	July 5 (Th)	July 19 (Th)	July 19 (Th)
Add/Change deadline [2]	July 10 (Tu)	July 24 (Tu)	July 24 (Tu)
Pass/fail/withdrawal deadline	July 20 (F)	July 27 (F)	Aug 10 (F)
Last day of class	Aug 2 (Th)	August 2 (Th)	Aug 23 (Th)

[1] University College online registration for Boston campus and off-campus courses will be closed at 8:30am on the day of the first class meeting. Online registration for online courses will be closed at 3:00pm on Friday, June 1.

[2] During the 50% refund period a "W" - Withdrawal - is posted when dropping a course, unless simultaneously adding another course.

Refund Schedule [3]	Deadline for 100% refund	Deadline for 50% refund
CE1, CE2, CE3, Online	May 31 (Th)	June 5 (Tu)
CE 4	July 5 (Th)	July 10 (Tu)
CE 5, CE6	July 19 (Th)	July 24 (Tu)

[3] No refunds will be given after the 50% refund deadline.

One Stop Office Hours

M-Th 8:30am-5:00pm

F 8:300am-4:30pm

University Holidays

(the University will be closed)

Patriots' Day April 16 (M)

Memorial Day May 28 (M)

Independence Day July 4 (W)

Registration and refund policies: visit uc.umb.edu/moreinfo/registration/how/

Endless discoveries. **With one of the largest and most varied summer programs in New England, Boston's public university offers a boundless array of choices for summer learning.**

Undergraduate and graduate courses. With over 680 course sections in more than 60 subjects to choose from, take a course to get ahead on your degree (students from other schools welcome!), prepare for a possible return to university study, or enroll in studies for professional growth. Our course matrix gives you most of the information you need to register, while course descriptions and prerequisites can be found on pages 21-73.

International study. UMass Boston offers students the chance to participate in two- to four-week long global study programs, bringing you face-to-face with unique cultures, people, politics, histories, languages, arts, and archaeological treasures. Every program is accompanied by an experienced UMass Boston faculty member. New for summer 2012: CRSCAD in China: Post-Disaster Community Building. **See page 74-75**

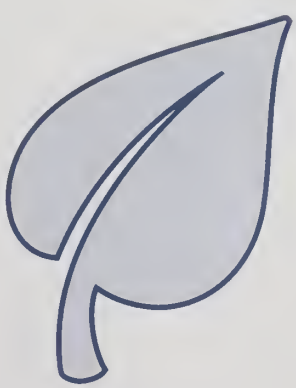
Field study, Nantucket programs and summer institutes. Field study programs give students an opportunity to go beyond the classroom and get their hands dirty, whether it's studying archaeology on a local estate or marine biology on Nantucket. Our summer institutes are unique opportunities for educators and scholars to explore a subject area in depth. **See page 77-79**

Professional training and non-credit programs. Non-credit offerings include our highly successful English as a Second Language programs as well as graduate test preparation courses: GMAT, GRE, LSAT and MTEL. **See page 89-93**

Commitment to Sustainability. Through a growing body of green programs and courses, across many disciplines, and in green campus practices, our students, faculty and staff are moving from awareness to action on environmental issues.

New for Summer 2012: An 18 day program on Nantucket studying the flora and fauna that illustrate the science of BIOMIMICRY.

Courses which include topics of sustainability will be identified with this icon:



More Information

summer.umb.edu

Contact Us

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Visit Us

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Boston, MA 02125-3393

Hours

Mon–Thu 8:30am–5:00pm
Fr 8:30am–4:30pm

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All information in this publication is subject to change. For most current information, visit uc.umb.edu. To request an alternate-format version of this bulletin, please call 617.287.7900.

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Courses marked with "PR" in "Prereq" column have prerequisites or permission requirements that must be met before enrolling. Room codes in the "Location" column identify the building, floor and room where an on-campus class is held. W: Wheatley Hall, M: McCormack Hall, H: Healey Library, S: Science Building. W-1-003 = Wheatley, 1st floor, Room 003. Additional course, faculty and registration information can be found by navigating through **summer.umb.edu**.

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
UNDERGRADUATE COURSES														
Accounting and Finance														
Please refer to eligibility information on the CM website before enrolling in College of Management courses: http://www.umb.edu/academics/cm/														
AF 201	Personal Finance				3	1322	LEC	CEO	Online			E. Hayden	990	
AF 210	Financial Accounting	PR			3	1323	LEC	CE2	TuTh	10:00am-1:00pm	W-1-034	M. Radding	990	
						1324	LEC	CE2	MW	6:00-9:00pm	M-1-418	A. Vogel		
						1325	LEC	CE6	MW	6:00-9:00pm	M-1-617	J. Swanson		
AF 211	Managerial Accounting	PR			3	1326	LEC	CE2	MW	10:00am-1:00pm	M-3-617	A. Habib	990	
						1327	LEC	CE6	TuTh	6:00-9:00pm	M-2-116	M. Sharif		
AF 301	Introduction to Financial Management	PR			3	1328	LEC	CE2	TuTh	1:30-4:30pm	W-1-010	K. Callahan	990	
						1329	LEC	CE6	TuTh	10:00am-1:00pm	M-3-617	A. Vogel		
AF 330	Business Law	PR			3	1625	LEC	CE2	TuTh	6:00-9:00pm	W-1-063	S. Jackson	990	
AF 450	Federal Taxation I	PR			3	1626	LEC	CE6	TuTh	1:30-4:30pm	M-2-214	M. Radding	990	
AF 480	Accounting Internship	PR			3	1351	LEC	CE8	Tu	6:00-9:00pm	W-1-004	J. Goldman	990	
AF 495	Financial Policy	PR			3	1421	LEC	CE2	TuTh	6:00-9:00pm	M-1-409	K. Callahan	990	
Africana Studies														
🌐	Haitian Creole Summer Language and Culture Institute	*Summer institute on campus. Program dates: 6/18 - 7/6. See page 80 for details.*												
	Haiti Today: People, Culture and Politics	International study program. *See page 75 for details.*												
AFRSTY 101	Introduction to Africana Studies		WC	I	3	1166	LEC	CE2	MW	6:00-9:00pm	M-2-116	T. Nelson	990	
						1561	LEC	CE6	MW	6:00-9:00pm	W-1-004	T. Nelson		
AFRSTY 110	African-American History I		HU		3	1562	LEC	CE2	Online			Y. Nuruddin	990	
AFRSTY 111	African-American History II		HU	U	3	1563	LEC	CE6	Online			Y. Nuruddin	990	
AFRSTY 150	African Images in Literature			I	3	2175	LEC	CE2	TuTh	1:30-4:30pm	W-1-037	C. Azuonye	990	
AFRSTY 201	The Roots of the African-American Family				3	2176	LEC	CE2	MW	10:00am-1:00pm	W-2-123	Y. Nuruddin	990	
AFRSTY 250	The Civil Rights Movement				3	1205	LEC	CE6	TuTh	1:30-4:30pm	S-2-063	A. Vandermeer	990	
AFRSTY 300L	Women in African Cultures			I	3	1916	LEC	CE2	Online			A. El Jack	990	
American Studies														
AMST 101	Popular Culture in America		HU		3	1003	LEC	CE2	MW	1:30-4:30pm	W-1-009	S. King	990	
AMST 206	The Sixties	PR	HU	U	3	1004	LEC	CE6	MW	1:30-4:30pm	M-1-208	R. Goff	990	
AMST 210	American Dreams/American Realities: Men and Women in Society and Culture 1600-1860	PR	HU	U	3	1476	LEC	CE2	TuTh	6:00-9:00pm	W-1-047	J. Hess	990	
AMST 212G	The US in the Eighties	PR			3	1002	LEC	CE2	TuTh	10:00am-1:00pm	W-2-123	P. Chassler	990	
AMST 250	U.S. Travel and Tourism	PR	HU		3	1851	LEC	CE6	MW	6:00-9:00pm	W-2-198	P. Raub	990	
AMST 310	Television in American Life	PR			3	1006	LEC	CE6	TuTh	1:30-4:30pm	W-1-037	K. Lindsey	990	
Anthropology														
🌐	Field School in Prehistoric Archaeology in Belize	*International and field study programs. See pages 74-79 for details.*												
	Field School in Archaeology: Hassanamesit Woods Projec													
	Field School in Archaeology: Historic Gore Estate													
ANTH 105	Introduction to Biological Anthropology		NS		3	1299	LEC	CE2	Online			A. Todd	990	
						1502	LEC	CE6	TuTh	10:00am-1:00pm	W-2-107	T. Ashok		
ANTH 106	Introduction to Cultural Anthropology		SB		3	1007	LEC	CE2	TuTh	10:00am-1:00pm	S-2-064	A. Waters	990	
						1008	LEC	CE6	MW	1:30-4:30pm	M-1-212	E. Kelley		
ANTH 211	Human Origins	PR	NS		3	1610	LEC	CEO	Online			T. Ashok	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
ANTH 220G	Indigenous Peoples and Cultural Change in Amazonia	PR			3	1301	LEC	CE2	TuTh	6:00-9:00pm	W-2-127	R. Sieber	990	
ANTH 223G	Afro-Caribbean Religions	PR			3	1269	LEC	CE6	TuTh	10:00am-1:00pm	W-2-123	A. Waters	990	
ANTH 252	Urban Anthropology	PR	SB		3	2067	LEC	CE6	MW	10:00am-1:00pm	M-3-407	E. Kelley	990	
ANTH 260	Anthropology On Film		WC	I	3	1167	LEC	CE2	TuTh	1:30-4:30pm	S-2-063	A. Waters	990	
ANTH 262	Dreams & Dreaming				3	1506	LEC	CEO	Online			J. Pasto	990	
ANTH 271	Peoples and Cultures of the Middle East			I	3	1009	LEC	CE2	MW	10:00am-1:00pm	M-1-612	R. Fazell	990	
ANTH 272	Peoples and Cultures of Africa		WC	I	3	1270	LEC	CEO	Online			B. Worley	990	
ANTH 273	Peoples and Cultures of Mesoamerica (Mexico and Guatemala)		WC	I	3	1611	LEC	CE2	Online			A. Todd	990	
ANTH 274	Peoples and Cultures of the Caribbean		WC		3	2068	LEC	CE6	MW	6:00-9:00pm	W-1-054	L. Tanikella	990	
ANTH 275L	Peoples and Cultures of China		WC		3	2069	LEC	CE2	MW	1:30-4:30pm	S-1-006	C. Fung	990	
ANTH 360	Gender, Culture, Power	PR			3	2066	LEC	CE2	MW	10:00am-1:00pm	W-1-045	C. Golomski	990	
ANTH 366	The Anthropology of Religion	PR			3	2065	LEC	CE2	TuTh	10:00am-1:00pm	W-2-107	J. Pasto	990	
ANTH 367	Social and Cultural Perspectives on Witchcraft and Sorcery	PR	WC		3	1302	LEC	CEO	Online			B. Worley	990	
ANTH 372	Anthropology of Death	PR			3	1195	LEC	CE6	TuTh	1:30-4:30pm	M-2-209	A. Waters	990	
Arabic														
ARABIC 101	Elementary Arabic I		WL		4	1303	LEC	CE2	MTuWTh	10:00-11:30am	W-2-127	A. Berrahmoun	1320	25
ARABIC 102	Elementary Arabic II	PR	WL		4	1918	LEC	CE6	MTuWTh	10:00-11:30am	W-1-060	A. Berrahmoun	1320	25
Art														
Painting Studio on Nantucket		Special program on Nantucket. See page 78 for details.												
ART 100	The Language of Art		AR		3	1281	LEC	CE2	TuTh	1:30-4:30pm	M-3-407	C. Scollans	990	
ART 101	Ancient and Medieval Art		AR		3	1010	LEC	CE2	TuTh	6:00-9:00pm	M-3-407	C. Scollans	990	
ART 102	Renaissance to Modern Art		AR		3	1011	LEC	CE6	MW	6:00-9:00pm	M-3-430	C. Scollans	990	
ART 252	American Art in Boston				3	1282	LEC	CE6	MW	1:30-4:30pm	M-3-407	C. Scollans	990	
ART 281	Drawing I		AR		3	1012	LEC	CE2	TuTh	9:00am-12:30pm	H-8-009	K. Dacey	990	40
						1168	LEC	CE2	TuTh	1:30-5:00pm	H-8-009	K. Dacey		
						1013	LEC	CE6	TuTh	1:30-5:00pm	H-8-009	A. Norfolk		
ART 286	Introduction to Sculpture		AR		4	1445	LEC	CE6	F	9:00am-5:00pm	H-8-016	E. Levine	1320	100
ART 293	Photography I	PR	AR		4	1283	LEC	CE6	MWTh	9:00am-1:00pm	H-8-025	L. Haas	1320	100
ART 293	Photography I (Lab)	PR			0	1853	LAB	CE6	TuF	9:00am-1:00pm	H-8-025	L. Haas		
Asian American Studies														
ASAMST 223L	Asians in the United States		HU	U	3	1545	LEC	CE2	TuTh	1:30-4:30pm	W-2-207	L. Buenaventura	990	
ASAMST 225L	Southeast Asians in the United States		SB	U	3	1413	LEC	CE2	MW	10:00am-1:00pm	W-1-005	M. Yang	990	
ASAMST 238L	Asian American Psychology		SB	U	3	2072	LEC	CE6	TuTh	10:00am-1:00pm	M-3-204	J. Tawa	990	
ASAMST 345	Asian American Cultures and Health Practices				3	2071	LEC	CE6	MW	10:00am-1:00pm	M-2-206	M. Yang	990	
Asian Studies														
ASIAN 275L	Peoples and Cultures of China		WC		3	2070	LEC	CE2	MW	1:30-4:30pm	S-1-006	C. Fung	990	
ASIAN 359L	Women in Modern China		WC	I	3	2059	LEC	CE2	Online			J. Babbitts	990	
ASIAN 363L	Modern Japan			I	3	1391	LEC	CE2	Online			C. Kim	990	
ASIAN 480	Topics in East Asian Studies: International Security				3	2064	LEC	CE2	TuTh	1:30-4:30pm	M-2-116	A. Lust	990	
Biochemistry														
BIOCHM 383	Biochemistry I	PR			3	1014	LEC	CE2	MW	1:30-4:30pm	W-2-158	Staff	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Biology														
Coastal Ecology		Special programs on Nantucket. See page 78 for details.												
Marine and Coastal Ecological Research														
BIOL 101	The Basis of Life		NS		3	1374	LEC	CE2	Online			Staff	990	
BIOL 108	Introduction to Nutrition		NS		3	1015	LEC	CE2	MW	10:00am-1:00pm	W-1-031	Staff	990	
						1016	LEC	CE2	TuTh	6:00-9:00pm	S-2-065	Staff		
						1017	LEC	CE6	MW	1:30-4:30pm	S-1-006	Staff		
BIOL 111	General Biology I Note: please register for both a lecture and a lab section.		NS		4	1018	LEC	CE2	MTuWTh	10:00-11:30am	W-2-15B	Staff	1320	100
						1019	LEC	CE2	MW	6:00-9:00pm	S-1-006	Staff		
						1020	LA8	CE2	MW	1:00-4:00pm	M-1-114	Staff		
						1021	LAB	CE2	TuTh	6:00-9:00pm	M-1-114	Staff		
						1022	LA8	CE2	TuTh	12:00-3:00pm	M-1-114	Staff		
BIOL 112	General Biology II Note: please register for both a lecture and a lab section.	PR	NS		4	1023	LEC	CE6	MTuWTh	10:00-11:30am	W-1-004	Staff	1320	100
						1024	LEC	CE6	MW	6:00-9:00pm	W-1-031	Staff		
						1025	LAB	CE6	MW	1:00-4:00pm	W-2-030	Staff		
						1026	LAB	CE6	TuTh	12:00-3:00pm	W-2-030	Staff		
						1027	LAB	CE6	TuTh	6:00-9:00pm	W-2-030	Staff		
BIOL 207	Anatomy and Physiology I Note: please register for both a lecture and a lab section.	PR	NS		4	1028	LEC	CE1	MTuWThF	8:00-10:00am	M-2-116	Staff	1320	125
						1029	LAB	CE1	MWF	1:30-4:30pm	M-1-115	Staff		
						1030	LAB	CE1	MWF	10:15am-1:15pm	M-1-115	Staff		
						1031	LA8	CE1	TuThF	10:15am-1:15pm	M-1-115	Staff		
BIOL 208	Anatomy and Physiology II Note: please register for both a lecture and a lab section.	PR	NS		4	1032	LEC	CE4	MTuWThF	8:00-10:00am	M-2-116	Staff	1320	125
						1033	LA8	CE4	MWF	1:30-4:30pm	M-1-115	Staff		
						1034	LAB	CE4	TuThF	10:15am-1:15pm	M-1-115	Staff		
						1035	LAB	CE4	MWF	10:15am-1:15pm	M-1-115	Staff		
BIOL 209	Medical Microbiology Note: please register for both a lecture and a lab section.	PR			4	1036	LEC	CE2	MTuWTh	10:00-11:30am	W-1-061	Staff	1320	125
						1037	LAB	CE2	TuTh	11:45am-2:45pm	W-2-081	Staff		
						1038	LAB	CE2	MW	11:45am-2:45pm	W-2-081	Staff		
BIOL 210	Cell Biology Note: please register for both a lecture and a lab section.	PR			4	1701	LEC	CE2	MTuWTh	10:00-11:30am	M-1-313	Staff	1320	75
						1702	LAB	CE2	MW	12:30-3:30pm	M-1-321	Staff		
BIOL 212	Cell Biology	PR			3	1703	LEC	CE2	MTuWTh	10:00-11:30am	M-1-313	Staff	990	
BIOL 372	Molecular Biology	PR			3	1039	LEC	CE2	MTuWTh	8:15-9:45am	M-2-127	S. Ackerman	990	
Business Communication														
Please refer to eligibility information on the CM website before enrolling in College of Management courses: http://www.umb.edu/academics/cm/														
BC 230	Fundamentals of Business Communication & Critical Analysis CE8 Special Dates: #1276: 5/29-8/23; for #2190: 5/30-8/22	PR			3	1276	LEC	CE8	TuTh	1:30-3:00pm	S-2-066	M. Giargiari	990	
						2190	LEC	CE8	MW	1:30-3:00pm	W-1-037	M. Cadieux		
BC 290	Professional Written Communication & Critical Analysis	PR			3	1274	LEC	CE2	TuTh	6:00-9:00pm	W-1-060	M. Giargiari	990	
						1381	LEC	CE2	MW	6:00-9:00pm	W-1-060	C. Yunits		
						2053	LEC	CE2	MW	10:00am-1:00pm	W-1-060	M. Cadieux		
						1275	LEC	CE6	MW	1:30-4:30pm	W-1-060	Staff		
						1317	LEC	CE6	TuTh	6:00-9:00pm	W-1-060	M. Giargiari		
						2054	LEC	CE2	Online			K. Hatzsis		

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Chemistry														
CHEM 111L	Environmental Concerns and Chemical Solutions		NS		3	1365	LEC	CE0	Online			M. Schwartz	990	
CHEM 115	Chemical Principles I	PR	NS		3	1217	LEC	CE2	MTuWTh	10:00-11:30am	S-1-006	M. Satyamurti	990	
	Note: A lecture and a discussion are required for CHEM 115. Students enrolling in LEC #1217 must also register for DIS #1219, #1220 or #1221. For students enrolling in LEC #1218, discussion is included in class time.					1218	LEC	CE2	MW	5:30-9:00pm	S-2-003A	I. Reif		
						1219	DIS	CE2	Tu	11:30am-12:20pm	S-2-062	Staff		
						1220	DIS	CE2	W	11:30am-12:20pm	W-1-063	Staff		
						1221	DIS	CE2	Th	11:30am-12:20pm	S-1-006	Staff		
CHEM 116	Chemical Principles II	PR	NS		3	1225	LEC	CE6	MTuWTh	10:00-11:30am	S-1-006	M. Satyamurti	990	
	Note: A lecture and a discussion are required for CHEM 116. Students enrolling in LEC #1225 must also register for DIS #1227, #1228 or #1229. For students enrolling in LEC #1226, discussion is included in class time.					1226	LEC	CE6	MW	5:30-9:00pm	S-2-003A	I. Reif		
						1227	DIS	CE6	Tu	11:30am-12:20pm	S-2-064	Staff		
						1228	DIS	CE6	W	11:30am-12:20pm	S-2-064	Staff		
						1229	DIS	CE6	Th	11:30am-12:20pm	W-1-063	Staff		
CHEM 117	Chemical Principles I Lab	PR			2	1222	LAB	CE2	MW	12:30-4:30pm	S-2-039	Staff	660	150
						1223	LAB	CE2	TuTh	12:30-4:30pm	S-2-039	Staff		
						1224	LAB	CE2	TuTh	6:00-10:00pm	S-2-039	Staff		
CHEM 118	Chemical Principles II	PR			2	1230	LAB	CE6	MW	12:30-4:30pm	S-2-039	Staff	660	150
						1231	LAB	CE6	TuTh	12:30-4:30pm	S-2-039	Staff		
						1232	LAB	CE6	TuTh	6:00-10:00pm	S-2-039	Staff		
CHEM 251	Organic Chemistry I	PR	NS		3	1356	LEC	CE2	MTuWTh	10:00-11:30am	S-2-003A	K. Cerny	990	
	Note: please register for both a lecture and a discussion section.					1396	DIS	CE2	M	11:30am-12:20pm	S-2-003A	Staff		
						1397	DIS	CE2	Tu	11:30am-12:20pm	S-2-003A	Staff		
						1398	DIS	CE2	Th	11:30am-12:20pm	S-2-003A	Staff		
CHEM 252	Organic Chemistry II	PR	NS		3	1359	LEC	CE6	MTuWTh	10:00-11:30am	S-2-003A	J. Katz	990	
	Note: please register for both a lecture and a discussion section.					1360	DIS	CE6	M	11:30am-12:20pm	S-2-003A	Staff		
						1361	DIS	CE6	Tu	11:30am-12:20pm	S-2-003A	Staff		
						1362	DIS	CE6	Th	11:30am-12:20pm	S-2-003A	Staff		
CHEM 255	Organic Chemistry I Laboratory	PR			2	1357	LAB	CE2	MW	12:30-4:30pm	S-2-094	Staff	660	150
						1358	LAB	CE2	TuTh	12:30-4:30pm	S-2-094	Staff		
CHEM 256	Organic Chemistry II Laboratory	PR			2	1363	LAB	CE6	MW	12:30-4:30pm	S-2-094	Staff	660	150
						1364	LAB	CE6	TuTh	12:30-4:30pm	S-2-094	Staff		
CHEM 481	Advanced Laboratory in Chemistry I	PR			1-4	1870	LA8	CE2	by arrgt	by arrgt	TBA	Staff	T8A	150
Chinese														
CHINSE 101	Elementary Chinese I		WL		4	1040	LEC	CE2	MTuWTh	10:00-11:30am	W-2-125	Y. Wu	1320	25
CHINSE 102	Elementary Chinese II	PR	WL		4	1041	LEC	CE6	MTuWTh	10:00-11:30am	M-1-616	Y. Wu	1320	25
Classics														
CLSICS 161	Demystifying Language: English Vocabulary		S8		3	1293	LEC	CE0	Online			E. McDermott	990	
CLSICS 281	Greek Civilization		WC		3	1530	LEC	CE2	MW	10:00am-1:00pm	M-3-407	G. Umholtz	990	
CLSICS 287	Women in Greek Society and Literature		HU	I	I	1529	LEC	CE2	TuTh	10:00am-1:00pm	M-1-616	L. LeBlanc	990	
CLSICS 375	Greek and Roman Tragedy	PR	AR		I	1912	LEC	CE2	Online			E. McDermott	990	
Communication Studies														
COMSTU 100	Introduction to Communication		S8		3	1169	LEC	CE0	Online			R. Raben	990	
COMSTU 105	Oral Communication		SB		3	1042	LEC	CE2	MW	10:00am-1:00pm	M-2-208	B. Hendrix	990	
						1043	LEC	CE6	TuTh	10:00am-1:00pm	M-2-208	B. Hendrix		
COMSTU 210	Using Internet Communication				3	1044	LEC	CE0	Online			E. McMahon	990	
COMSTU 250	Analyzing Media	PR	SB		3	2076	LEC	CE6	MW	10:00am-1:00pm	W-1-034	J. Quintero Johnson	990	
						1382	LEC	CE0	Online			A. Shelton		
COMSTU 280	Special Topics: Dialogue, Disputes and Argumentation				3	2131	LEC	CE0	Online			B. Hendrix	990	
COMSTU 280	Special Topics: Beyond Social Media: Mobilized Communication				3	2132	LEC	CE0	Online			R. Vining	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
COMSTU 300	Information Technology and Human Communication		SB		3	1241	LEC	CE0	Online			R. Raben	990	
Computer Science														
CS 105	An Introduction to Computer Concepts	PR	MT		3	1946	LEC	CE2	TuTh	6:00-9:00pm	M-2-417	Staff	990	
CS 110	Introduction to Computingn-Java	PR	MT		4	1051	LEC	CE3	MTuTh	6:00-7:30pm	M-1-201	S. Iyer	1360	50
						1947	LEC	CE3	MTuTh	10:00-11:30am	S-2-066	W. Campbell		
CS 114L	Introduction to Java	PR	MT		3	1564	LEC	CE2	MW	6:00-9:00pm	M-1-608	D. Pletea	1030	50
CS 115L	Introduction to Java Part 2	PR	MT		3	1569	LEC	CE6	MW	6:00-9:00pm	W-1-034	D. Pletea	1030	50
CS 119	Computer Language Supplement				2	1052	LEC	CE3	By arrangement			Staff	1030	50
CS 210L	Intermediate Computing with Data Structures	PR	MT		4	1306	LEC	CE3	MTuTh	6:00-7:30pm	H-LL-3507	S. Baraty	1360	50
CS 240	Programming in C	PR			3	1287	LEC	CE3	MTuTh	7:45-9:15pm	M-2-404	R. Cheung	1030	50
CS 310	Advanced Data Structures and Algorithms	PR			3	1566	LEC	CE3	MTuTh	6:00-7:30pm	M-1-420	Staff	1030	50
CS 320L	Applied Discrete Mathematics	PR			3	1567	LEC	CE3	MTuTh	7:45-9:15pm	W-1-088	D. Tran	990	20
CS 480	Special Topics: Introduction to Computation with Python				3	1948	LEC	CE3	MTuTh	2:00-3:30pm	W-2-123	W. Campbell	1030	
Criminal Justice														
CRMJUS 104L	Introduction to Systems of Criminal Justice				3	2116	LEC	CE6	TuTh	6:00-9:00pm	M-1-409	J. Overton	990	
CRMJUS 262L	Criminology	PR	SB		3	1234	LEC	CE2	MW	10:00am-1:00pm	W-1-010	J. White	990	
						1238	LEC	CE6	MW	1:30-4:30pm	W-1-055	C. Bruell		
CRMJUS 321L	Racial and Ethnic Relations	PR	SB	U	3	1264	LEC	CE2	TuTh	6:00-9:00pm	W-2-200	K. Lischinsky	990	
						2125	LEC	CE6	MW	1:30-4:30pm	S-2-003A	A. Beckwith		
CRMJUS 351L	Methods of Sociological Research	PR			3	1047	LEC	CE2	MW	1:30-4:30pm	M-3-430	J. McQuaid	990	
						1048	LEC	CE6	TuTh	10:00am-1:00pm	HLL-3507	C. Feldscher		
CRMJUS 363L	Corrections	PR			3	1479	LEC	CE6	MW	6:00-9:00pm	W-1-005	G. Walsh	990	
CRMJUS 367L	Drugs and Society		SB		3	2121	LEC	CE2	Online			J. Lageson	990	
CRMJUS 368L	Alcoholism: Etiology and Epidemiology	PR			3	1553	LEC	CE2	MW	6:00-9:00pm	M-1-409	M. Joy	990	
CRMJUS 461L	Internship in Law and Criminal Justice	PR			6	1555	LEC	CE8	Tu	6:00-9:00pm	W-1-045	G. Horgan	1980	
CRMJUS 465L	The Police in Society	PR			3	1049	LEC	CE2	Online			H. Zaykowski	990	
						2128	LEC	CE6	TuTh	1:30-4:30pm	S-1-006	M. Peel		
CRMJUS 467L	The Sociology of Law	PR			3	1050	LEC	CE2	MW	1:30-4:30pm	W-1-031	R. Tyler	990	
Critical Reading and Writing														
CRW 282	Elements of Writing Proficiency				3	1444	LEC	CE0	Online			D. Boudreau	990	
CRW 283	Proficiency in Analytic Writing				3	2043	LEC	CE0	Online			S. Mullaney	990	
Dance														
DANCE 134	Modern Dance I		AR		3	1609	LEC	CE1	MTuWTh	11:45am-1:45pm	C-UL-018	J. Appolon	990	
DANCE 135	Multicultural Dance		AR		3	1543	LEC	CE6	TuTh	1:30-4:30pm	M-3-612	S. Montella	990	
Economics														
ECON 101	Introduction to Microeconomics	PR	SB		3	1055	LEC	CE2	TuTh	1:30-4:30pm	W-1-061	K. Carlson	990	
						1547	LEC	CE2	MW	6:00-9:00pm	W-1-045	K. Carlson		
						1056	LEC	CE6	Online			J. Spitz		
						1057	LEC	CE6	MW	1:30-4:30pm	W-1-042	K. Carlson		
						1548	LEC	CE6	TuTh	6:00-9:00pm	W-1-054	K. Carlson		
ECON 102	Introduction to Macroeconomics	PR	SB		3	1257	LEC	CE2	MW	1:30-4:30pm	W-1-020	J. Millman	990	
						1258	LEC	CE2	Online			N. Aman		
						1852	LEC	CE2	TuTh	6:00-9:00pm	W-1-034	P. Granberry		
						1058	LEC	CE6	MW	6:00-9:00pm	W-1-042	C. Arcand		
						1175	LEC	CE6	TuTh	1:30-4:30pm	M-2-207	S. Abdullah		
ECON 201	Microeconomic Theory	PR	SB		3	1059	LEC	CE2	TuTh	1:30-4:30pm	W-1-020	J. Millman	990	
ECON 202	Macroeconomic Theory	PR	SB		3	1060	LEC	CE6	MW	1:30-4:30pm	W-2-158	N. Aman	990	
ECON 205	Statistical Methods	PR	MT		3	1061	LEC	CE2	TuTh	10:00am-1:00pm	W-1-045	P. Granberry	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
ECON 372	Comparative Economic Systems	PR			3	1174	LEC	CE6	MW	6:00-9:00pm	W-1-063	N. Aman	990	
English														
ENGL 101	Freshman English I	PR			3	1062	LEC	CE2	MW	10:00am-1:00pm	W-1-058	J. Hess	990	
						1063	LEC	CE2	MW	6:00-9:00pm	W-2-127	N. Scarpetti		
						1571	LEC	CE2	TuTh	1:30-4:30pm	W-1-044	L. Lawrence		
						1064	LEC	CE6	TuTh	10:00am-1:00pm	W-1-061	J. Piazza		
						1271	LEC	CE6	MW	10:00am-1:00pm	W-2-126	C. Center		
						1572	LEC	CE6	TuTh	6:00-9:00pm	W-2-124	J. Hess	990	
ENGL 101	Freshman English I - ESL Section	PR			3	1065	LEC	CE2	TuTh	1:30-4:30pm	W-1-048	M. Martinez Earley	990	
ENGL 102	Freshman English II	PR			3	1066	LEC	CE2	TuTh	1:30-4:30pm	W-1-045	I. Halevi	990	
						1067	LEC	CE2	TuTh	10:00am-1:00pm	W-1-042	L. Lawrence		
						1368	LEC	CE2	MW	6:00-9:00pm	W-1-052	V. Kingsley		
						1573	LEC	CE2	MW	1:30-4:30pm	W-2-126	V. Kingsley		
						1068	LEC	CE6	MW	6:00-9:00pm	M-1-612	P. Dyson		
						1069	LEC	CE6	TuTh	10:00am-1:00pm	M-1-612	R. Saunders		
						1070	LEC	CE6	TuTh	1:30-4:30pm	W-1-061	J. Piazza		
						1369	LEC	CE6	TuTh	6:00-9:00pm	W-1-012	P. Dyson		
ENGL 102	Freshman English II - ESL Section	PR			3	1177	LEC	CE2	TuTh	6:00-9:00pm	W-1-030	M. Martinez Earley	990	
ENGL 200	Understanding Literature	PR	AR		3	1071	LEC	CE2	MW	10:00am-1:00pm	W-1-047	M. Brown	990	
ENGL 201	Five British Authors	PR	HU		3	1072	LEC	CE6	MW	1:30-4:30pm	W-1-012	A. Divver	990	
ENGL 202	Six American Authors	PR	HU	U	3	1073	LEC	CE2	MW	1:30-4:30pm	M-1-612	A. Hasratian	990	
ENGL 211	Creative Writing: Poetry	PR			3	1424	LEC	CE6	MW	10:00am-1:00pm	M-3-430	J. McDonough	990	
ENGL 212	Creative Writing: Fiction	PR			3	2098	LEC	CE2	TuTh	10:00am-1:00pm	W-1-046	C. Rowe	990	
ENGL 273G	The Art of Fiction	PR			3	1176	LEC	CE2	MW	6:00-9:00pm	W-1-019	R. Romanow	990	
ENGL 276G	The Art of Life Writing	PR			3	1178	LEC	CE6	MW	1:30-4:30pm	W-1-040	C. Center	990	
ENGL 307	Writing for Print and Online Media	PR			3	1425	LEC	CE6	Online			J. McDonough	990	
ENGL 328	Stage and Page: Drama, 1900-Today	PR			3	2094	LEC	CE6	TuTh	1:30-4:30pm	W-1-019	N. Finn	990	
ENGL 329	Narrative in the Novel and Film	PR		I	3	1576	LEC	CE2	MW	1:30-4:30pm	W-1-019	R. Romanow	990	
ENGL 337	Short Novel	PR			3	1198	LEC	CE2	TuTh	6:00-9:00pm	W-1-046	D. Nelson	990	
ENGL 366	Women and Men in Nineteenth-Century Literature	PR			3	2095	LEC	CE6	TuTh	10:00am-1:00pm	W-2-126	J. Medoff	990	
ENGL 371	The Adolescent in Literature	PR			3	1197	LEC	CE2	TuTh	1:30-4:30pm	W-1-009	D. Nelson	990	
ENGL 382	William Shakespeare's Early Works	PR			3	2174	LEC	CE2	TuTh	10:00am-1:00pm	W-1-010	S. Maisano	990	
ENGL 402	The Renaissance in England	PR			3	2092	LEC	CE6	MW	6:00-9:00pm	W-1-056	A. Divver	990	
ENGL 437	Reading the Gothic: Transatlantic Terrors	PR			3	2097	LEC	CE2	TuTh	1:30-4:30pm	W-1-064	C. Nixon	990	
Environmental, Earth and Ocean Science														
GIT Data Collection and Field Methods		Special program on Nantucket. See page 78 for details.												
EEOS 101	The Global Environment		NS		3	1053	LEC	CE2	MW	10:00am-1:00pm	W-1-062	M. Mensoian	990	
						3432	LEC	CEO	Online			J. Zhu		
EEOS 102	World Regional Geography			I	3	1266	LEC	CEO	Online			D. Merwin	990	
EEOS 115	Environmental Geology				3	1854	LEC	CE2	MTuWTh	10:00-11:30am	S-3-035	D. Nellis	990	
EEOS 210	Earth's Dynamic Systems	PR			4	1855	LEC	CE6	MTuWTh	10:00-11:30am	S-3-035	D. Nellis	1320	
EEOS 210	Earth's Dynamic Systems	PR			0	1856	LAB	CE6	MTuWTh	11:45am-1:15pm	S-3-035	D. Nellis	0	50
EEOS 225	Weather and Climate	PR	NS		3	1054	LEC	CE2	MW	1:30-4:30pm	S-2-064	M. Mensoian	990	
EEOS 226	Introduction to Oceanography	PR	NS		3	2055	LEC	CE1	MTuWTh	11:45am-1:45pm	W-1-054	J. Looney Jr	990	
EEOS 256	Health and Medical Geography		SB		3	1859	LEC	CE6	TuTh	10:00am-1:00pm	S-2-065	D. Metzel	990	
EEOS 281	Introduction to Geographic Information Systems	PR			4	1861	LEC	CE2	MW	6:00-9:00pm	S-3-020	Staff	1320	150
						1862	LAB	CE2	Tu	6:00-9:00pm	S-3-020	Staff		
						2186	LEC	CEO	Online			J. Zhu		
EEOS 480	Special Topics: Negative Carbon Footprints Up On the Roof				3	1860	LEC	CE2	MW	1:30-4:30pm	S-2-063	J. Licht	990	
Environmental Studies														
ENVSTY 101	The Nature of Environmental Problems		NS		3	2184	LEC	CE2	TuTh	10:00am-1:00pm	W-2-198	Staff	990	
						1074	LEC	CEO	Online			N. Mohanty		
ENVSTY 111L	Environmental Concerns and Chemical Solutions		NS		3	1366	LEC	CEO	Online			M. Schwartz	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Exercise and Health Science														
EHS 150	Introduction to Nutrition	PR			3	1311	LEC	CE2	MW	10:00am-1:00pm	M-2-214	M. Ivanov	990	
EHS 160	Fitness & Wellness	PR			3	1970	LEC	CE2	MW	1:30-4:30pm	W-1-060	M. Ivanov	990	
EHS 240	Prevention and Care of Sport Injuries	PR			3	1440	LEC	CE2	MTuWTh	10:00-11:30am	M-2-207	S. Medeiros	990	
EHS 260	Physical Activity & Health	PR			3	1312	LEC	CE2	TuTh	10:00am-1:00pm	W-1-019	D. Commesso	990	
EHS 280	Statistics for Health Professionals	PR			3	1313	LEC	CEO	Online			L. Milliken	990	
EHS 300	Health Fitness Assessment	PR			3	1614	LEC	CE6	TuTh	10:00am-1:00pm	W-1-010	S. Camhi	990	
EHS 310	Applied Kinesiology	PR			3	1972	LEC	CE2	TuTh	10:00am-1:00pm	M-2-214	T. Morgan	990	
EHS 320	Adapted Physical Activity	PR			3	1774	LEC	CE2	MW	10:00am-1:00pm	W-2-107	D. Young	990	
EHS 340	Health Behavior Change	PR			3	1441	LEC	CE2	TuTh	1:30-4:30pm	M-1-212	J. Whitely	990	
EHS 360	Wellness Coaching Techniques	PR			3	1439	LEC	CE6	TuTh	1:30-4:30pm	W-1-010	J. Whitely	990	
EHS 370	Exercise Program Design	PR			3	1971	LEC	CE2	TuTh	1:30-4:30pm	W-1-042	D. Commesso	990	
EHS 460	Research Methods I	PR			3	1973	LEC	CE6	MW	10:00am-1:00pm	W-1-009	J. Wright	990	
French														
FRENCH 100	Intensive Elementary French		WL		8	1206	LEC	CE2	MTuWTh	6:00-9:00pm	M-1-210	J. Kitembo	2640	25
FRENCH 101	Elementary French I		WL		4	1075	LEC	CE1	MTuWTh	10:00am-12:00pm	M-2-205	D. Gilbert	1320	25
FRENCH 102	Elementary French II	PR	WL		4	1076	LEC	CE4	MTuWTh	10:00am-12:00pm	M-2-209	D. Gilbert	1320	25
FRENCH 201	Intermediate French I		WL		4	1077	LEC	CE1	MTuWTh	10:00am-12:00pm	M-2-209	Staff	1320	25
FRENCH 202	Intermediate French II		WL		4	1207	LEC	CE4	MTuWTh	10:00am-12:00pm	M-2-205	Staff	1320	25
Gerontology														
GERCTR 220	Demographics and Economics of Aging				3	2090	LEC	CEO	Online			J. Griffin	990	
GERCTR 240	Legislative Process and the Elderly				3	2091	LEC	CEO	Online			R. Sherman	990	
History														
HIST 101	Introduction to Historical Thinking and Analysis				3	1974	LEC	CE2	Online			T. Hacsi	990	
						1975	LEC	CE6	Online			T. Hacsi		
HIST 153	Africa in the Twentieth Century			I	3	1389	LEC	CE2	TuTh	10:00am-1:00pm	M-3-407	T. Johnson	990	
HIST 211	Foundations of Western Civilization		HU		3	1078	LEC	CE2	TuTh	6:00-9:00pm	W-1-054	G. Miller	990	
						2113	LEC	CE6	MW	1:30-4:30pm	M-2-206	A. Breen		
HIST 212	Modern Western Civilization		HU		3	1549	LEC	CE2	Online			M. Brink	990	
						1079	LEC	CE6	MW	10:00am-1:00pm	M-3-617	M. Brink		
HIST 213	World History to 1800				3	1977	LEC	CE6	TuTh	10:00am-1:00pm	W-1-057	T. Johnson	990	
HIST 214	Modern World History		SB	I	3	1080	LEC	CE2	MW	1:30-4:30pm	M-3-407	R. Sauer	990	
						1081	LEC	CE6	TuTh	1:30-4:30pm	M-1-608	G. Miller		
HIST 265	American History before 1877		HU		3	1976	LEC	CE6	Online			L. Vox	990	
						1377	LEC	CEO	Online			M. Duff		
HIST 266	American History since 1877		HU		3	1242	LEC	CE6	MW	6:00-9:00pm	M-1-418	R. Schneider	990	
HIST 309	The Mediaeval Mind				3	1755	LEC	CE6	TuTh	10:00am-1:00pm	M-2-214	A. Breen	990	
HIST 313	Nineteenth Century Europe				3	1507	LEC	CE2	Online			S. Di Scala	990	
HIST 319	History of the Mediterranean	PR			3	1756	LEC	CE6	Online			M. Casini	990	
HIST 339	Modern Irish History from 1800 to present				3	1082	LEC	CE6	TuTh	1:30-4:30pm	W-1-020	G. Burke	990	
HIST 358	War in the Twentieth Century				3	1083	LEC	CE2	TuTh	1:30-4:30pm	M-2-206	R. Sauer	990	
HIST 359L	Women in Modern China		WC	I	3	2060	LEC	CE2	Online			J. Babbitts	990	
HIST 363L	Modern Japan			I	3	1179	LEC	CE2	Online			C. Kim	990	
Honors														
HONORS 290	Special Topics: Digital Media and Literature	PR			3	2187	LEC	CE1	MTuWTh	11:45am-1:45pm	M-2-417	E. Mena	990	
HONORS 290	Special Topics: Toward Access and Opportunity: American Higher	PR			3	2188	LEC	CE2	TuTh	10:00am-1:00pm	S-2-065	D. D'Arrigo	990	
Information Technology														
IT 114L	Introduction to Java	PR	MT		3	1565	LEC	CE2	MW	6:00-9:00pm	M-1-608	Staff	1030	50
IT 115L	Introduction to Java Part 2	PR	MT		3	1570	LEC	CE6	MW	6:00-9:00pm	W-1-034	Staff	1030	50
IT 210L	Intermediate Computing with Data Structures	PR	MT		4	1307	LEC	CE3	MTuTh	6:00-7:30pm	H-LL-3507	Staff	1360	50
IT 240	Web Fluency				3	2158	LEC	CE6	TuTh	10:00am-1:00pm	W-1-034	K. Nolin	990	
Italian														
ITAL 101	Elementary Italian I		WL		4	1084	LEC	CE1	MTuWTh	5:00-7:00pm	M-1-417	M. Natoli	1320	25
ITAL 102	Elementary Italian II	PR	WL		4	1467	LEC	CE4	MTuWTh	5:00-7:00pm	M-2-404	M. Natoli	1320	25

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Japanese														
JAPAN 101	Elementary Japanese I		WL		4	1085	LEC	CE1	MTuWTh	5:00-7:00pm	M-2-213	H. Baba	1320	25
JAPAN 102	Elementary Japanese II	PR	WL		4	1468	LEC	CE4	MTuWTh	5:00-7:00pm	S-2-063	H. Baba	1320	25
Latin														
LATIN 101	Fundamentals of Latin I		WL		3	1252	LEC	CEO	Online			R. Colaizzi	990	
LATIN 115	Intensive Elementary Latin		WL		6	2157	LEC	CE6	MTuWTh	10:00am-1:00pm	W-2-127	R. Colaizzi	1980	
LATIN 302	Caesar		WL		3	2111	LEC	CEO	Online			R. Colaizzi	990	
LATIN 309	Lucretius		WL		3	1913	LEC	CE5	MTuWTh	1:00-4:00pm	W-1-047	F. Nisetich	990	
Linguistics														
LING 151	Elementary American Sign Language I				3	1868	LEC	CE2	TuTh	6:00-9:00pm	W-1-048	D. Ioannides	990	
LING 152	Elementary American Sign Language II	PR	WL		3	1869	LEC	CE6	MW	6:00-9:00pm	W-1-043	D. Ioannides	990	
LING 153	Elementary American Sign Language III		WL		3	1086	LEC	CE2	MW	6:00-9:00pm	M-2-616	D. Ioannides	990	
Management														
Please refer to eligibility information on the CM website before enrolling in College of Management courses: http://www.umb.edu/academics/cm/														
MGT 303	Managing Organizations	PR			3	1367	LEC	CE2	TuTh	1:30-4:30pm	W-1-034	E. Elstein	990	
						1339	LEC	CE6	MW	10:00am-1:00pm	W-1-064	R. Winsor		
MGT 330	Business Environments and Public Policy	PR			3	1340	LEC	CE2	TuTh	6:00-9:00pm	W-1-062	C. Jones	990	
						1423	LEC	CE2	TuTh	1:30-4:30pm	W-2-198	R. Anzenberger		
						1341	LEC	CE6	TuTh	6:00-9:00pm	M-3-617	Staff		
MGT 331	Managerial Ethics and Social Issues	PR			3	1342	LEC	CE2	TuTh	6:00-9:00pm	W-1-010	K. Archard	990	
						1713	LEC	CE2	Online			C. Pastille		
						1343	LEC	CE6	Online			C. Pastille		
						1344	LEC	CE6	MW	6:00-9:00pm	W-1-009	Staff		
MGT 421	Management Practices	PR			3	1370	LEC	CE2	TuTh	1:30-4:30pm	M-3-430	K. Archard	990	
MGT 434	Managing Global Environment	PR			3	1345	LEC	CE2	MW	6:00-9:00pm	W-1-064	J. Evereteze	990	
MGT 480	Management Internship	PR			3	1352	LEC	CE8	Tu	6:00-9:00pm	W-1-004	J. Goldman	990	
MGT 490	Strategic Management	PR			3	1346	LEC	CE2	TuTh	6:00-9:00pm	M-1-608	R. Anzenberger	990	
						1766	LEC	CE2	MW	1:30-4:30pm	M-3-617	R. Powers		
						1347	LEC	CE6	TuTh	10:00am-1:00pm	W-1-009	R. Anzenberger		
						1375	LEC	CE6	MW	6:00-9:00pm	M-1-608	R. Powers		
Management Science and Information Systems														
Please refer to eligibility information on the CM website before enrolling in College of Management courses: http://www.umb.edu/academics/cm/														
MSIS 105	Introduction to Information Systems				3	1540	LEC	CEO	Online			V. Chiachio	990	
MSIS 110	Introduction to Computers and Information Systems				3	2191	LEC	CE2	MW	1:30-4:30	W-1-198	O. Lee	990	
						1190	LEC	CEO	Online			J. Frankel		
MSIS 111L	Managerial Statistics	PR			3	1318	LEC	CE6	MW	1:30-4:30pm	W-2-107	P. Vaccaro	990	
MSIS 123	Introduction to Information Security				3	2136	LEC	CEO	Online			G. Kelley	990	
MSIS 212	Managerial Decision Making	PR			3	1191	LEC	CE2	TuTh	10:00am-1:00pm	S-2-063	G. Corzine	990	
						1192	LEC	CEO	Online			M. Stone		
MSIS 223	Systems Security				3	2137	LEC	CEO	Online			G. Kelley	990	
MSIS 301	Operations Management	PR			3	1188	LEC	CE2	MW	10:00am-1:00pm	W-1-034	D. Shimshak	990	
						1189	LEC	CE2	MW	1:30-4:30pm	W-1-034	D. Shimshak		
MSIS 426	e-Business and e-Commerce Infrastructure	PR			3	2135	LEC	CE6	TuTh	1:30-4:30pm	M-1-208	J. Kuilboer	990	
MSIS 480	Internship	PR			3	1110	LEC	CE8	Tu	6:00-9:00pm	W-1-004	J. Goldman	990	
Marketing														
Please refer to eligibility information on the CM website before enrolling in College of Management courses: http://www.umb.edu/academics/cm/														
MKT 301	Principles of Marketing	PR			3	1348	LEC	CE2	TuTh	10:00am-1:00pm	W-1-031	R. Anzenberger	990	
						1349	LEC	CE6	MW	1:30-4:30pm	M-1-608	R. Powers		
MKT 310	Data Analysis for Marketing Management	PR			3	1535	LEC	CE6	TuTh	10:00am-1:00pm	M-3-430	J. D'Angelo	990	
MKT 404	Retailing in the Internet Age	PR			3	1350	LEC	CE6	TuTh	1:30-4:30pm	M-3-617	R. Anzenberger	990	
MKT 480	Marketing Internship	PR			3	1353	LEC	CE8	Tu	6:00-9:00pm	W-1-004	J. Goldman	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Mathematics - Academic Skills														
Please refer to the University Advising Center/Testing Services pages on umb.edu for information about Mathematics placement services.														
MATHSK 097	Pre-Algebra Mathematics	PR			3	1107	LEC	CE2	MTuWTh	8:15-9:45am	H-UL-029	M. Pawlak	990	
						1386	LEC	CE6	MTuWTh	10:00-11:30am	H-UL-029	M. Fuguet		
MATHSK 098	Fundamentals of Algebra	PR			3	1108	LEC	CE2	MTuWTh	8:15-9:45am	H-UL-029	M. Pawlak	990	
						1387	LEC	CE6	MTuWTh	10:00-11:30am	H-UL-029	M. Fuguet		
MATHSK 099	Intermediate Algebra	PR			3	1109	LEC	CE2	MTuWTh	8:15-9:45am	H-UL-029	M. Pawlak	990	
						1388	LEC	CE6	MTuWTh	10:00-11:30am	H-UL-029	M. Fuguet		
Mathematics														
Please refer to the University Advising Center/Testing Services pages on umb.edu for information about Mathematics placement services.														
MATH 114QR	Quantitative Reasoning	PR			3	1268	LEC	CE6	MTuWTh	11:45am-1:15pm	W-1-031	M. Fuguet	990	
MATH 115	College Algebra	PR			3	1087	LEC	CE2	MTuWTh	8:15-9:45am	M-2-205	S. Boorstein	990	
						1088	LEC	CE6	MTuWTh	8:15-9:45am	M-2-206	T. Fratto		
MATH 125	Introductory Statistics	PR	MT		3	1089	LEC	CE2	MTuWTh	10:00-11:30am	W-2-124	S. Boorstein	990	
						1090	LEC	CE2	Online			J. Chen		
						1091	LEC	CE6	MTuWTh	10:00-11:30am	W-2-198	C. Agunwamba		
MATH 129	Pre-Calculus for Management and Social Science Students	PR	MT		3	1183	LEC	CE2	MTuWTh	8:15-9:45am	W-2-198	C. Roche	990	
						1481	LEC	CE6	MTuWTh	8:15-9:45am	M-3-617	Staff		
MATH 130	Precalculus	PR	MT		3	1093	LEC	CE2	MTuWTh	10:00-11:45am	W-1-057	S. Kovitz	990	
						1094	LEC	CE6	MTuWTh	10:00-11:45am	S-2-063	S. Kovitz		
MATH 134	Managerial Calculus	PR	MT		3	1097	LEC	CE2	MTuWTh	10:00-11:30am	W-1-004	C. Roche	990	
						1098	LEC	CE6	MTuWTh	10:00-11:30am	W-1-047	T. Fratto		
MATH 140	Calculus I	PR	MT		4	1099	LEC	CE2	MTuWTh	10:00-11:45am	W-1-009	A. Noel	1320	
						1483	LEC	CE2	MTuWTh	5:45-7:30pm	M-1-207	S. Cai		
						1100	LEC	CE6	MTuWTh	10:00-11:45am	M-2-207	C. Zara		
						2046	LEC	CE6	MTuWTh	5:45-7:30pm	M-1-210	Staff		
MATH 141	Calculus II	PR	MT		4	1295	LEC	CE2	MTuWTh	8:00-9:45am	M-2-214	A. Noel	1320	
						2047	LEC	CE2	MTuWTh	7:45-9:30pm	M-1-201	S. Cai		
						1103	LEC	CE6	MTuWTh	8:00-9:45am	S-2-062	A. Noel		
						1104	LEC	CE6	MTuWTh	5:45-7:30pm	M-1-619	A. Noel		
MATH 240	Multivariable Calculus	PR			3	2130	LEC	CE6	MTuWTh	10:00-11:45am	W-2-200	K. Ricciardi	990	
MATH 242	Multivariable and Vector Calculus	PR			4	1797	LEC	CE6	MTuWTh	10:00-11:45am	W-2-200	K. Ricciardi	1320	
MATH 260	Linear Algebra I	PR			3	1106	LEC	CE6	MTuWTh	8:15-9:45am	M-2-207	C. Zara	990	
MATH 310	Applied Ordinary Differential Equations	PR			3	1690	LEC	CE2	MTuWTh	8:15-9:45am	W-1-019	S. Mukherjee	990	
MATH 320L	Applied Discrete Mathematics	PR			3	1568	LEC	CE3	MTuTh	7:45-9:15pm	W-1-088	D. Tran	990	20
MATH 345	Probability and Statistics I	PR			3	1409	LEC	CE2	MTuWTh	10:00-11:30am	W-1-063	G. Schay	990	
Music														
MUSIC 111	An Introduction to Music		AR		3	1111	LEC	CE2	MW	1:30-4:30pm	M-2-423	J. Mitchell	990	
						1112	LEC	CE6	MW	6:00-9:00pm	M-2-423	D. Patterson		
MUSIC 115	World Music		AR	I	3	1196	LEC	CE6	MW	1:30-4:30pm	M-2-423	F. Stubbs	990	
MUSIC 185A	Applied Music: Flute (hour)	PR			1	3170	LEC	By arrangement				J. Rosinksi	455	
MUSIC 185D	Applied Music: Drums (hour)					3174						B. Sofferman		
MUSIC 185E	Applied Music: Guitar (half hour)					2192						P. Janson		
MUSIC 185E	Applied Music: Guitar (hour)					3164						Staff		
MUSIC 185I	Applied Music: Voice (hour)					3160						D. Giessow		
MUSIC 185A	Applied Music:: Voice (hour)					3161						J. Cooper		
MUSIC 185J	Applied Music: Trumpet					3176						S. Aston		
MUSIC 185O	Applied Music: Oboe					3168						E. Badea		
MUSIC 185P	Applied Music: Recorder					3172						J. Rosinski		
MUSIC 185S	Applied Music: Accordion					3166						E. Badea		
MUSIC 185U	Applied Music: Harp					3167						C. Kim		
MUSIC 241	American Music		AR	U	3	1418	LEC	CE2	TuTh	10:00am-1:00pm	M-2-423	D. Pruett	990	
MUSIC 248	Universe of Music		AR	I	3	1113	LEC	CEO	Online			D. Patterson	990	
MUSIC 252	African-American Music		AR	U	3	1945	LEC	CE2	MW	6:00-9:00pm	M-2-423	O. Wright	990	
MUSIC 258	American Music in Wartime		AR		3	1193	LEC	CE2	Online			J. Mitchell	990	
MUSIC 268	Music of Latin America		AR	I	3	1305	LEC	CEO	Online			P. Janson	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Nursing														
NURSNG 350	Introduction to Professional Nursing - Accelerated Track Option				3	1992	LEC	CE2	Online			D. Kappa	990	
NURSNG 353	Pathophysiology and Pharmacology in Nursing - Accelerated Track Option				4	1993	LEC	CEO	Online			C. O'Callaghan	1320	
NURSNG 360	Professional Issues in Nursing for RNs	PR			6	1994	LEC	CEO	Online			Staff	1980	
						1995	DIS	CEO	Tu	8:45-10:45am	LMS CHAT	Staff		
						1996	DIS	CEO	Tu	7:00-9:00pm	LMS CHAT	Staff		
						1997	DIS	CEO	W	7:15-9:15pm	LMS CHAT	Staff		
						1998	DIS	CEO	W	7:30-9:30pm	LMS CHAT	C. Moran		
NURSNG 361	Health Assessment and Promotion	PR			6	1999	LEC	CEO	Online			L. Tata	1980	
						2000	DIS	CEO	M	7:30-9:30pm	LMS CHAT	L. Tata		
						2001	DIS	CEO	M	7:45-9:45pm	LMS CHAT	Staff		
						2002	DIS	CEO	Tu	9:00-11:00am	LMS CHAT	Staff		
						2003	DIS	CEO	Tu	7:30-9:30pm	LMS CHAT	J. Small Mardin		
NURSNG 362	Research and Evidence-based Practice	PR			6	2004	LEC	CEO	Online			E. George	1980	
						2005	DIS	CEO	W	6:00-8:00pm	LMS CHAT	E. George		
						2006	DIS	CEO	Tu	9:00-11:00am	LMS CHAT	E. George		
						2007	DIS	CEO	W	9:00-11:00am	LMS CHAT	Staff		
NURSNG 456	Leadership and Professional Practice Accelerated Option	PR			3	2041	LEC	CEO	Online			S. LaCoursiere	990	
NURSNG 461	Community Health for Registered Nurses	PR			6	2008	LEC	CEO	Online			Staff	1980	
						2009	DIS	CEO	Tu	7:30-9:30pm	LMS CHAT	Staff		
						2010	DIS	CEO	M	9:00-11:00am	LMS CHAT	Staff		
						2011	DIS	CEO	M	7:30-9:30pm	LMS CHAT	Staff		
NURSNG 462	Legal, Ethical and Health Policy and Capstone for RNs	PR			6	2012	LEC	CEO	Online			D. Mahony	1980	
						2013	DIS	CEO	Tu	8:45-10:45am	LMS CHAT	D. Mahony		
						2014	DIS	CEO	Tu	7:00-9:00pm	LMS CHAT	D. Mahony		
Philosophy														
PHIL 100	Introduction to Philosophy		HU		3	1260	LEC	CE2	MW	1:30-4:30pm	W-1-044	D. Flesche	990	
						1286	LEC	CE2	MW	6:00-9:00pm	W-1-054	D. Flesche		
						1114	LEC	CE6	MW	1:30-4:30pm	W-1-020	J. Cooper-Wiele		
						1471	LEC	CE6	MW	6:00-9:00pm	W-1-047	J. Cooper-Wiele		
PHIL 108	Moral and Social Problems		HU	U	3	1115	LEC	CE2	TuTh	1:30-4:30pm	W-2-158	A. Wingo	990	
						1116	LEC	CE2	TuTh	6:00-9:00pm	W-2-198	A. Wingo		
						1261	LEC	CE6	TuTh	1:30-4:30pm	W-1-043	J. Bayne		
						1472	LEC	CE6	TuTh	6:00-9:00pm	M-2-209	M. Gunning		
PHIL 120	Introduction to Logic		MT		3	1208	LEC	CE2	TuTh	10:00am-1:00pm	W-1-062	R. Farion-Villano	990	
						1117	LEC	CE6	TuTh	1:30-4:30pm	W-1-042	L. Kaye		
PHIL 220	Environmental Ethics		HU		3	1866	LEC	CE2	MW	1:30-4:30pm	W-1-061	L. Rivera	990	
PHIL 222	Moral Issues in Medicine		HU		3	1118	LEC	CE2	TuTh	1:30-4:30pm	W-1-062	R. Farion-Villano	990	
						1209	LEC	CE6	TuTh	6:00-9:00pm	W-1-010	J. Bayne		
PHIL 380	Social and Political Philosophy				3	2189	LEC	CE2	MW	6:00-9:00pm	W-2-107	L. Rivera	990	
Physics														
PHYSIC 107	College Physics I *Note: Please register for both a lecture and a discussion section. Students enrolling in the morning lecture (class #1119) should register for discussion 1871 or 1872. Those enrolling in the evening lecture (class #1120) should register for discussion 1874 or 1875.*	PR	NS		3	1119	LEC	CE2	MTuWTh	8:15-9:45am	S-1-006	Staff	990	
						1120	LEC	CE2	MTuWTh	5:30-7:00pm	W-1-031	Staff		
						1871	DIS	CE2	MW	10:00-10:50am	W-1-046	Staff		
						1872	DIS	CE2	TuTh	10:00-10:50am	S-2-062	Staff		
						1874	DIS	CE2	MTh	7:10-8:00pm	W-1-020	Staff		
						1875	DIS	CE2	MTh	8:00pm-8:50pm	M-1-207	Staff		
PHYSIC 108	College Physics II *Note: Please register for both a lecture and a discussion section. Students enrolling in the morning lecture (class #1119) should register for discussion 1871 or 18972. Those enrolling in the evening lecture (class #1122) should register for discussion 1886 or 1888.*	PR	NS		3	1121	LEC	CE6	MTuWTh	8:15-9:45am	S-1-006	Staff	990	
						1122	LEC	CE6	MTuWTh	5:30-7:00pm	W-1-064	Staff		
						1885	DIS	CE6	MW	10-10:50am	W-1-010	Staff		
						1886	DIS	CE6	TuTh	10:00-10:50am	M-2-206	Staff		
						1888	DIS	CE6	MTh	7:10-8:00pm	S-2-065	Staff		

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
PHYSIC 113	Fundamentals of Physics I *Note: Please register for both a lecture and a discussion section. Students enrolling in the morning lecture (class #1123) should register for discussion 1876 or 1877. Those enrolling in the evening lecture (class #1124) should register for discussion 1878.*	PR	NS		4	1123	LEC	CE2	MTuWTh	8:15-9:45am	S-3-126	Staff	1320	
						1124	LEC	CE2	MTuWTh	5:30-7:00pm	M-2-206	Staff		
						1876	DIS	CE2	MTuWTh	10:00-10:50am	W-1-020	Staff		
						1877	DIS	CE2	MTuWTh	11:00-11:50am	W-1-020	Staff		
						1878	DIS	CE2	MTh	7:10-8:50pm	W-2-158	Staff		
PHYSIC 114	Fundamentals of Physics II *Note: Please register for both a lecture and a discussion section. Students enrolling in the morning lecture (class #1125) should register for discussion 1890 or 1891. Those enrolling in the evening lecture (class #1126) should register for discussion 1892.*	PR	NS		4	1125	LEC	CE6	MTuWTh	8:15-9:45am	S-3-126	Staff	1320	
						1126	LEC	CE6	MTuWTh	5:30-7:00pm	S-2-065	Staff		
						1890	DIS	CE6	MTuWTh	10:00-10:50am	W-1-020	Staff		
						1891	DIS	CE6	MTuWTh	11:00-11:50am	W-1-020	Staff		
						1892	DIS	CE6	MTh	7:10-8:50pm	W-2-200	Staff		
PHYSIC 181	Physics Laboratory I	PR			2	1879	LAB	CE2	TuTh	12:00-2:30pm	S-3-029	Staff	660	75
						1880	LAB	CE2	MW	12:00-2:30pm	S-3-029	Staff		
						1882	LAB	CE2	TuW	7:10-9:40pm	S-3-029	Staff		
						1883	LAB	CE2	TuW	7:10-9:40pm	S-3-017	Staff		
						1884	LAB	CE2	TuTh	12:00-2:30pm	S-3-017	Staff		
PHYSIC 182	Physics Laboratory II	PR			2	1893	LAB	CE6	TuTh	12:00-2:30pm	S-3-029	Staff	660	75
						1894	LAB	CE6	MW	12:00-2:30pm	S-3-029	Staff		
						1895	LAB	CE6	TuTh	12:00-2:30pm	S-3-017	Staff		
						1896	LAB	CE6	TuW	7:10-9:40pm	S-3-029	Staff		
						1897	LAB	CE6	TuW	7:10-9:40pm	S-3-017	Staff		
Political Science														
POLSCI 101	Introduction to Politics		SB		3	1127	LEC	CEO	Online			J. Ward	990	
POLSCI 102	Government and Politics of the United States		SB		3	1128	LEC	CE2	TuTh	1:30-4:30pm	W-2-124	U. Tafe	990	
POLSCI 201	Comparative Politics of Industrialized Societies				3	1550	LEC	CE2	MW	1:30-4:30pm	W-1-041	A. Lust	990	
POLSCI 203	Public Policy				3	1969	LEC	CE2	TuTh	10:00am-1:00pm	M-3-617	M. Cunningham	990	
POLSCI 220	International Relations			I	3	1129	LEC	CE2	MW	6:00-9:00pm	W-2-123	R. Peters	990	
						1966	LEC	CE6	TuTh	1:30-4:30pm	W-1-060	R. Peters	990	
						1250	LEC	CEO	Online			R. Weiner		
POLSCI 224	The Political Novel				3	1210	LEC	CEO	Online			J. Ward		
POLSCI 307	Political Change and Group Identity				3	1211	LEC	CE6	MW	6:00-9:00pm	W-2-123	R. Peters	990	
POLSCI 340	Boston: Cooperation and Conflict in the Urban Environment			U	3	1968	LEC	CE2	TuTh	1:30-4:30pm	M-2-214	C. Coscia	990	
POLSCI 375	Third World Development			I	3	1184	LEC	CE2	MW	1:30-4:30pm	W-2-124	H. Shahdadi	990	
POLSCI 410	Politics of International Economic Relations				3	1213	LEC	CEO	Online			H. Shahdadi	990	
POLSCI 420	Imperialism				3	1292	LEC	CE6	TuTh	10:00am-1:00pm	W-2-158	H. Shahdadi	990	
POLSCI 421	War				3	1251	LEC	CEO	Online			R. Weiner	990	
POLSCI 424	American Foreign Policy				3	1477	LEC	CEO	Online			H. Shahdadi	990	
POLSCI 430	Russian Foreign Policy				3	1967	LEC	CE2	TuTh	6:00-9:00pm	W-1-064	R. Peters	990	
POLSCI 453	Democratic Theory				3	1212	LEC	CE2	MW	1:30-4:30pm	W-2-107	U. Tafe	990	
POLSCI 454	Recent and Contemporary Political Thought				3	1393	LEC	CE2	TuTh	1:30-4:30pm	W-1-063	J. Ward	990	
Psychology														
PSYCH 100	Introductory Psychology		SB		3	1133	LEC	CE2	TuTh	10:00am-1:00pm	W-1-047	C. Cohen	990	
						1134	LEC	CE2	TuTh	6:00-9:00pm	M-1-617	B. Reese		
						1135	LEC	CE2	MW	1:30-4:30pm	W-1-062	T. Dunne		
						1136	LEC	CE6	MW	6:00-9:00pm	M-1-417	R. Daniele		
						1137	LEC	CE6	TuTh	1:30-4:30pm	M-1-209	B. Reese		
						1138	LEC	CE6	MW	10:00am-1:00pm	W-1-057	Staff		
PSYCH 201	Introduction to Behavioral Research	PR			3	1139	LEC	CE2	TuTh	10:00am-1:00pm	W-1-060	S. Millman	990	
						1140	LEC	CE6	TuTh	6:00-9:00pm	W-1-009	M. Krengel		
PSYCH 234	Psychology of Cross-cultural Relations	PR		U	3	1528	LEC	CE6	TuTh	10:00am-1:00pm	M-3-407	A. Yalcinkaya	990	
PSYCH 235	Psychology and the Afro-American Experience	PR		U	3	2078	LEC	CE2	MW	10:00am-1:00pm	M-3-430	J. Tauriac	990	
PSYCH 238L	Asian American Psychology		SB	U	3	2073	LEC	CE6	TuTh	10:00am-1:00pm	M-3-204	J. Tawa	990	
PSYCH 270	Statistics	PR	MT		3	1143	LEC	CE2	TuTh	6:00-9:00pm	M-2-116	G. Buchanan	990	25
						1144	LEC	CE6	MW	1:30-4:30pm	M-2-116	G. Buchanan		

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
PSYCH 300	Personality	PR			3	1632	LEC	CE6	TuTh	1:30-4:30pm	M-2-206	A. Yalcinkaya	990	
PSYCH 315	Abnormal Psychology	PR			3	1273	LEC	CE2	TuTh	1:30-4:30pm	W-1-046	A. Hui	990	
PSYCH 330	Social Psychology	PR			3	1141	LEC	CE2	MW	6:00-9:00pm	W-1-029	M. Patterson	990	
						1447	LEC	CEO	Online			M. Patterson		
PSYCH 335	Social Attitudes and Public Opinion	PR			3	1448	LEC	CEO	Online			M. Patterson	990	
PSYCH 341	Infancy and Childhood Development	PR			3	1255	LEC	CE2	MW	1:30-4:30pm	M-2-205	R. Hencke	990	
						1142	LEC	CE6	MW	10:00am-1:00pm	M-2-214	R. Hencke		
PSYCH 342	Adolescence	PR			3	1451	LEC	CE6	TuTh	10:00am-1:00pm	W-1-058	S. Walker	990	
PSYCH 350	Learning and Memory	PR			3	1308	LEC	CE2	MW	10:00am-1:00pm	M-3-204	T. Dunne	990	
PSYCH 355	Perception	PR			3	1633	LEC	CE6	MW	1:30-4:30pm	M-3-617	Staff	990	
PSYCH 360	Behavioral Neuroscience	PR			3	1186	LEC	CE2	TuTh	1:30-4:30pm	M-3-617	G. Buchanan	990	
						1200	LEC	CE6	MW	6:00-9:00pm	M-3-617	G. Buchanan		
PSYCH 415	Psychological Trauma: Individual and Society	PR			3	1309	LEC	CE2	MW	6:00-9:00pm	M-3-617	L. Woodard	990	
PSYCH 430	Internship in Psychology	PR			6	1145	LEC	CE8	W	9:30am-12:30pm	W-1-042	K. Kogan	1980	
						1459	LEC	CE8	Th	9:30am-12:30pm	M-4-272	K. Kogan		
PSYCH 441	The Family and the Child: A Psychological View	PR			3	1429	LEC	CE6	TuTh	1:30-4:30pm	M-2-205	M. Vaughan	990	
PSYCH 461	Neurotoxicology: Effects of environmental agents on the brain and behavior	PR			3	1653	LEC	CE6	TuTh	10:00am-1:00pm	S-2-062	P. Janulewicz	990	
PSYCH 462	Psychopharmacology	PR			3	1310	LEC	CE2	TuTh	1:30-4:30pm	W-2-126	C. Cohen	990	
PSYCH 470	History, Systems, and Theories of Psychology	PR			3	1449	LEC	CEO	Online			S. Conrad	990	
Sociology														
SOCIOL 101	Introduction to Sociology		SB		3	1151	LEC	CE2	TuTh	1:30-4:30pm	M-1-208	K. Lischinsky	990	
						1152	LEC	CE2	MW	6:00-9:00pm	M-2-621	R. Kefayati		
						2115	LEC	CE2	Online			J. Lageson		
						1153	LEC	CE6	MW	1:30-4:30pm	W-1-034	B. Michels		
						1256	LEC	CE6	TuTh	10:00am-1:00pm	W-1-064	M. Gregory		
SOCIOL 104L	Introduction to Systems of Criminal Justice				3	2126	LEC	CE6	TuTh	6:00-9:00pm	M-1-409	Staff	990	
SOCIOL 160	Social Problems	PR	SB		3	1551	LEC	CE2	MW	1:30-4:30pm	W-1-046	R. Kefayati	990	
SOCIOL 183	Child Abuse (6/27-7/11)				1	2117	LEC	CE2	MW	1:30-4:30pm	W-1-010	M. Joy	330	
SOCIOL 184	Battered Women (5/30 -6/25)				2	2118	LEC	CE2	MW	1:30-4:30pm	W-1-010	M. Joy	660	
SOCIOL 223L	Asians in the United States		HU	U	3	1546	LEC	CE2	TuTh	1:30-4:30pm	W-2-107	L. Buenaventura	990	
SOCIOL 225L	Southeast Asians in the United States		SB	U	3	1415	LEC	CE2	MW	10:00am-1:00pm	W-1-005	M. Yang	990	
SOCIOL 242	The Family	PR			3	1298	LEC	CE6	MW	6:00-9:00pm	W-1-010	A. Beckwith	990	
SOCIOL 261	Social Deviance and Control	PR			3	1552	LEC	CE6	TuTh	1:30-4:30pm	W-1-056	M. Gregory	990	
SOCIOL 262L	Criminology	PR	SB		3	1235	LEC	CE2	MW	10:00am-1:00pm	W-1-010	J. White	990	
						1237	LEC	CE6	MW	1:30-4:30pm	H-LL-3507	C. Bruell		
SOCIOL 268	Religion in Contemp Society	PR			3	2122	LEC	CE6	TuTh	1:30-4:30pm	M-1-212	J. Capetillo	990	
SOCIOL 281	Society and the Individual	PR	SB		3	1437	LEC	CE6	MW	10:00am-1:00pm	W-1-061	K. Gurd	990	
SOCIOL 305	Sociology of Culture	PR			3	2127	LEC	CE2	MW	10:00am-1:00pm	W-1-019	A. Shelton	990	
SOCIOL 316	Family Violence	PR			3	2120	LEC	CE2	TuTh	6:00-9:00pm	M-2-214	D. Cohen	990	
SOCIOL 321L	Racial and Ethnic Relations	PR	SB	U	3	1265	LEC	CE2	TuTh	6:00-9:00pm	W-2-200	K. Lischinsky	990	
						2124	LEC	CE6	MW	1:30-4:30pm	S-2-003A	A. Beckwith		
SOCIOL 341	Elements of Sociological Theory	PR			3	2119	LEC	CE2	MW	10:00am-1:00pm	S-2-065	J. McQuaid	990	
						1263	LEC	CE6	TuTh	10:00am-1:00pm	W-1-019	J. Capetillo		
SOCIOL 350	Elements of Social Statistics	PR	MT		3	1199	LEC	CE2	TuTh	1:30-4:30pm	W-1-047	S. Movahedi	990	
SOCIOL 351L	Methods of Sociological Research	PR			3	1147	LEC	CE2	MW	1:30-4:30pm	M-3-430	J. McQuaid	990	
						1148	LEC	CE6	TuTh	10:00am-1:00pm	H-LL-3507	C. Feldscher		
SOCIOL 362	Juvenile Delinquency	PR			3	2123	LEC	CE6	MW	10:00am-1:00pm	W-1-019	C. Monteiro	990	
SOCIOL 363L	Corrections	PR			3	1480	LEC	CE6	MW	6:00-9:00pm	W-1-005	G. Walsh	990	
SOCIOL 367L	Drugs and Society	PR	SB		3	1233	LEC	CE2	Online			J. Lageson	990	
SOCIOL 368L	Alcoholism: Etiology and Epidemiology	PR			3	1554	LEC	CE2	MW	6:00-9:00pm	M-1-409	M. Joy	990	
SOCIOL 382	The Sociology of Gender	PR	SB	U	3	1438	LEC	CE2	Online			J. Struzziery	990	
SOCIOL 461L	Internship in Law and Criminal Justice	PR			6	1556	LEC	CE8	Tu	6:00-9:00pm	W-1-045	G. Horgan	1980	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
SOCIOL 465L	The Police in Society	PR			3	1149	LEC	CE2	Online			H. Zaykowski	990	
						2129	LEC	CE6	TuTh	1:30-4:30pm	S-1-006	M. Peel	990	
SOCIOL 467L	The Sociology of Law	PR			3	1150	LEC	CE2	MW	1:30-4:30pm	W-1-031	R. Tyler	990	
Spanish														
SPAN 101	Elementary Spanish I	PR	WL		4	1156	LEC	CE1	MTuWTh	2:00-4:00pm	M-1-201	I. Manso	1320	25
						1154	LEC	CE2	MTuWTh	10:00-11:30am	M-2-206	M. Schafer		
						1155	LEC	CE2	TuWTh	6:00-8:00pm	M-1-614	D. Mansilla		
						1296	LEC	CE6	TuWTh	6:00-8:00pm	M-2-206	C. Chittkusol		
						1157	LEC	CEO	Online			P. Chouinard		
SPAN 102	Elementary Spanish II	PR	WL		4	1297	LEC	CE2	TuWTh	6:00-8:00pm	M-2-419	C. Chittkusol	1320	25
						1980	LEC	CE4	MTuWTh	2:00-4:00pm	S-2-062	C. Chittkusol		
						1158	LEC	CE6	MTuWTh	10:00-11:30am	W-2-124	M. Schafer		
						1159	LEC	CE6	TuWTh	6:00-8:00pm	M-1-428	Staff		
						1160	LEC	CEO	Online			M. Berte		
SPAN 201	Intermediate Spanish I	PR	WL		3	1162	LEC	CE1	MTuWTh	6:00-8:00pm	M-1-212	I. Manso	990	25
SPAN 202	Intermediate Spanish II	PR	WL		3	1163	LEC	CE4	MTuWTh	6:00-8:00pm	M-3-204	Staff	990	
SPAN 230	Spanish Composition and Conversation I	PR	WL		3	2185	LEC	CE2	TuWTh	2:00-4:00pm	M-1-428	C. Chittkusol	990	
Technical Education														
OCCED 218	Seminar for the Beginning Vocational-Technical Teacher Special dates: 7/22-7/27				3	1949	LEC	CE8	MTuWThF	8:00am-4:00pm	Wakefield	J. Crowley	990	
OCCED 219	Managing Student Behavior & Creating a Safe & Healthy Environment Special dates: 7/22-7/27				3	1950	LEC	CE8	MTuWThF	8:00am-4:00pm	Wakefield	R. Galliher	990	
OCCED 220	Teaching Methods for Vocational-Technical Education: Instructional Strategies Special dates, M-F: 7/22-7/27 Special dates, Online: 5/29-8/23				3	1952	LEC	CE8	MTuWThF	8:00am-4:00pm	Wakefield	L. Powers	990	
						1951	LEC	CEO	Online			P. Drugge		
OCCED 221	Teaching & Assessing the Vocational-Technical Learner Special dates: 7/22-7/27				3	1953	LEC	CE8	MTuWThF	8:00am-4:00pm	Wakefield	Staff	990	
OCCED 222	Developing & Implementing a Standards Based Curriculum in Vocational-Technical Education Special dates: 7/15-7/20				3	1954	LEC	CE8	MTuWThF	8:00am-4:00pm	Wakefield	M. Fern	990	
OCCED 223	Teaching Methods for Vocational-Technical Education: Teaching Diverse Learners Special dates: 7/15-7/20				3	1955	LEC	CE8	MTuWThF	8:00am-4:00pm	Wakefield	P. Bassett	990	
OCCED 224	Addressing the Needs of Students with Disabilities in Vocational-Technical Education Special dates: 7/15-7/20				3	1956	LEC	CE8	MTuWThF	8:00am-4:00pm	Wakefield	W. Giglio	990	
Theatre Arts														
THRART 100	Introduction to Theatre		AR		3	1453	LEC	CE6	Online			C. Quinn	990	
THRART 236	Introduction to Acting I		AR		3	1522	LEC	CE2	TuTh	10:00am-1:00pm	M-2-008	M. Caffrey	990	
University College														
UC 118	Biomimicry	Special programs on Nantucket. See page 79 for details.												
Women's Studies														
WOST 100	Women and Society		SB	U	3	1294	LEC	CE6	Online			K. McHenry	990	
WOST 110	Women in Global Perspectives		SB	I	3	1259	LEC	CE2	Online			A. El Jack	990	
WOST 150	Women, Culture and Identity		HU		3	1915	LEC	CE2	TuTh	1:30-4:30pm	W-1-031	P. Stuelke	990	
WOST 200	Twentieth Century Women Writers: A Feminist Perspective		AR	U	3	1395	LEC	CE2	MW	10:00am-1:00pm	W-2-198	C. Maley	990	
WOST 240	Educating Women			U	3	2063	LEC	CE6	MW	10:00am-1:00pm	W-1-058	L. Benson	990	
WOST 260	Women's Health Care				3	1165	LEC	CEO	Online			M. Cordill	990	
WOST 300L	Women in African Cultures			I	3	1917	LEC	CE2	Online			A. El Jack	990	
WOST 359L	Women in Modern China		WC	I	3	2061	LEC	CE2	Online			J. Babbitts	990	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
GRADUATE COURSES														
Applied Linguistics														
APLING 669	Writing Theories in Second Language Instruction	PR			3	2045	LEC	CEO	Online			K. Kiss	1380	
APLING 697	Special Topics: Literacies as School Practices: Language, Power and Social Action	PR			3	3141	LEC	CEO	Online			P. Gounari	1380	
Biochemistry														
BIOCHM 583	Biochemistry I				3	1687	LEC	CE2	MW	1:30-4:30pm	W-2-158	Staff	1380	
Biology														
Marine and Coastal Ecological Research		Special program on Nantucket. *For more information, please see page 78.*												
BIOL 572	Molecular Biology (Lecture only)	PR			3	1677	LEC	CE2	MTuWTh	8:15-9:45am	W-2-127	S. Ackerman	1380	
Business Administration (MBA): Accounting and Finance														
MBAAF 601	Economics for Managers	PR			3	1330	LEC	CE2	TuTh	6:00-9:00pm	M-3-617	A. Bandopadhyaya	1380	
MBAAF 603	Massachusetts in the Global Economy	PR			3	1628	LEC	CE2	MW	6:00-9:00pm	W-1-004	E. Cook	1380	
MBAAF 610	Accounting for Managers	PR			3	1331	LEC	CE2	MW	6:00-9:00pm	W-1-034	M. Konan	1380	
MBAAF 611	Intermediate Accounting	PR			3	1688	LEC	CE2	MW	6:00-9:00pm	W-1-010	Y. Shin	1380	
MBAAF 612	Cost Accounting	PR			3	1379	LEC	CE6	MW	6:00-9:00pm	W-1-041	H. Johnston	1380	
MBAAF 620	Financial Management	PR			3	1332	LEC	CE2	TuTh	6:00-9:00pm	W-1-061	L. Gao	1380	
MBAAF 621	Advanced Corporate Finance	PR			3	1534	LEC	CE2	TuTh	1:30-4:30pm	S-2-065	J. Grant	1380	
MBAAF 623	Financial Modeling	PR			3	1333	LEC	CE6	TuTh	6:00-9:00pm	W-1-061	Z. Rzakhanov	1380	
MBAAF 626	International Financial Management	PR			3	2173	LEC	CE6	TuTh	1:30-4:30pm	W-1-009	M. Konan	1380	
Business Administration (MBA): Analysis and Communications														
MBAACM 682	Oral Communication for Managers	PR			3	2051	LEC	CE6	TuTh	6:00-9:00pm	W-1-29	R. Hegarty	1380	
MBAACM 684	Written Communication for Managers	PR			3	2052	LEC	CE2	Online			K. Hatzis	1380	
Business Administration (MBA): Management														
MBAMGT 653	Organizational Diagnosis and Change	PR			3	1422	LEC	CE2	MW	6:00-9:00pm	M-1-617	A. Bowes	1380	
MBAMGT 660	Business and Its Environment	PR			3	1334	LEC	CE2	TuTh	6:00-9:00pm	W-1-009	J. Evereteze	1380	
						1385	LEC	CE6	MW	6:00-9:00pm	W-1-046	T. Jones		
MBAMGT 689	Strategic Management				3	1335	LEC	CE2	TuTh	6:00-9:00pm	M-3-430	D. Wudkya	1380	
						1336	LEC	CE6	TuTh	6:00-9:00pm	M-3-407	J. Evereteze		
MBAMGT 698	Practicum	PR			3	1337	LEC	CE8	Tu	6:00-9:00pm	W-1-004	J. Goldman	1380	
Business Administration (MBA): Management Science														
MBAMS 600	Mathematical Analysis for Managers				3	2161	LEC	CE2	TuTh	6:00-9:00pm	M-1-42B	D. Golmohammadi	1380	
MBAMS 630	Statistical Analysis for Managers				3	1320	LEC	CE2	TuTh	6:00-9:00pm	W-1-056	S. Elahi	1380	
MBAMS 635	Operations Management	PR			3	1319	LEC	CE6	MW	6:00-9:00pm	W-2-107	P. Vaccaro	1380	
MBAMS 640	Computers and Information Processing Systems				3	1321	LEC	CE2	MW	6:00-9:00pm	W-1-061	R. Checchi	1380	
Business Administration (MBA): Marketing														
MBAMKT 670	Marketing Management	PR			3	1338	LEC	CE2	MW	6:00-9:00pm	W-1-056	Manning	1380	
MBAMKT 672	Services Marketing	PR			3	1536	LEC	CE2	MW	6:00-9:00pm	W-1-047	R. Powers	1380	
MBAMKT 677	Database & Internet Marketing	PR			3	1304	LEC	CE2	Online			R. Vining	1380	
Counseling														
COUNSL 601	Research and Evaluation in Psychology	PR			3	1929	LEC	CEO	Online			I. Lehmann	1380	
COUNSL 605	Principles of Vocational, Educational, and Psychological Assessment	PR			3	1931	LEC	CEO	Online			T. Bontrager	1380	30
COUNSL 614	Counseling Theory and Practice I				3	1901	LEC	CE2	MW	6:00-9:00pm	W-1-048	V. Anderson	1380	
COUNSL 617	Child and Adolescent Counseling	PR			3	2099	LEC	CE2	MTuWTh	6:00-9:00pm	M-1-619	M. Weinreb	1380	
COUNSL 632	Collaborative Consultation in Schools	PR			3	1939	LEC	CEO	Online			A. Cook	1380	
COUNSL 635	Behavioral Counseling				3	2105	LEC	CE4	MTuWTh	5:00-7:00pm	W-2-126	F. Wilczenski	1380	
COUNSL 650	Group Counseling for Children and Adolescents	PR			3	1898	LEC	CE1	MTuWTh	5:00-7:00pm	W-1-043	L. Hayden	1380	
COUNSL 653	Cultural Diversity in Counseling				3	1900	LEC	CE1	MTuWTh	7:15-9:15pm	W-1-042	S. Koroma	1380	
COUNSL 664	Child Abuse, Neglect & Trauma	PR			3	1940	LEC	CEO	Online			S. Lamb	1380	
COUNSL 672	Substance Abuse and the Family	PR			3	1941	LEC	CEO	Online			D. Shelton	1380	
COUNSL 674	Psychopharmacology	PR			3	1942	LEC	CEO	Online			A. Kirshenbaum	1380	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Critical and Creative Thinking														
CRCRTH 601	Critical Thinking Special dates: 7/9-7/26				3	1907	LEC	CE8	MTuWTh	3:00-6:00pm	M-2-08	J. Szteiter	1380	
CRCRTH 612	Seminar in Creativity				3	1908	LEC	CE2	Online			S. Clark	1380	
CRCRTH 618	Creative Thinking, Collaboration, and Organizational Change Special dates: 7/13-7/28				3	1909	LEC	CE8	FSa	9:00am-4:15pm	M-2-209	A.Yanow	1380	
CRCRTH 619	Biomedical Ethics				3	1910	LEC	CE6	Online			M. Robinson	1380	
CRCRTH 627	Issues in Antiracist and Multicultural Education				3	3424	LEC	CE2	Online			Staff	1380	
CRCRTH 688	Reflective Practice Special dates: 7/20-7/21				1	1911	LEC	CE8	FSa	9:00am-4:15pm	W-1-030	P. Taylor	460	
Education														
EDCG 606	Sociocultural Perspectives on Education				3	2168	LEC	CE6	MW	6:00-9:00pm	W-1-012	Staff	1380	
EDCG 610	Computers, Technology andEducation	PR			3	2193	LEC	CE2	Online			D. DeGennaro	1380	
EDCG 612	Evaluation and Design of Educational Software	PR			3	2194	LEC	CE2	Online			D. DeGennaro	1380	
EDCG 621	Teaching Writing in the K-12 Classroom	PR			3	2165	LEC	CE2	TuTh	6:00-9:00pm	M-1-418	P. Golden	1380	
EDCG 630	Inclusion, K-12	PR			3	2166	LEC	CE4	MTuWTh	5:00-7:00pm	S-2-064	C. Day	1380	
EDCG 648	Content Literacy				3	1983	LEC	CE0	Online			J. Kellinger	1380	
EDCG 649	Sheltered English Instruction (SEI) for Urban Mainstream Teachers PreK-12				3	2164	LEC	CE1	MTuWTh	7:15-9:15pm	W-1-043	M. Mouhieedine	1380	
EDCG 660	Designing Middle & Secondary Curriculum and Learning Strategies				3	2167	LEC	CE4	MTuWTh	7:15-9:15pm	S-2-062	Staff	1380	
English														
ENGL 602	Studies in Fiction	PR			3	2114	LEC	CE2	TuTh	6:00-9:00pm	W-6-047	C. Nixon	1380	
ENGL 603	Studies in Drama	PR			3	2093	LEC	CE6	TuTh	6:00-9:00pm	W-6-047	N. Finn	1380	
ENGL 611	The Teaching of Literature	PR			3	1215	LEC	CE6	MW	6:00-9:00pm	W-6-047	E. Mueller	1380	
ENGL 618	Life Writing	PR			3	2096	LEC	CE2	MW	6:00-9:00pm	W-6-047	A. Hasratian	1380	
Environmental, Earth and Ocean Science														
EEOS 601	Introduction to Probability and Applied Statistics				3	1863	LEC	CE0	Online			E. Gallagher	1380	
EEOS 630	Biological Oceanographic Processes				3	1864	LEC	CE0	Online			E. Gallagher	1380	
Gerontology														
GERONGR 611	Health and Physical Changes in Aging				3	1921	LEC	CE0	Online			H. Connors	1380	
GERONGR 621	Social Aspects Aging				3	1922	LEC	CE0	Online			R. Dwyer	1380	
GERONGR 623	Issues in Aging Policy				3	1923	LEC	CE0	Online			K. Kaffenberger	1380	
GERONGR 628	Psychology of Aging				3	1924	LEC	CE2	Online			H. Connors	1380	
GERONGR 645	Marketing of Aging Services				3	1925	LEC	CE0	Online			R. Dwyer	1380	
GERONGR 650	Service Delivery Issues in Aging				3	1926	LEC	CE0	Online			J. Hyde	1380	
GERONGR 660	Organization and Financing of Aging Services				3	1927	LEC	CE0	Online			L. Richardson	1380	
GERONGR 692	Capstone Project Seminar in Managment of Aging Services				3	1928	LEC	CE0	Online			J. Hyde	1380	
History														
HIST 600	Research Seminar	PR			3	1978	LEC	CE6	Online			J. Chu	1380	
Instructional Design														
INSDSG 601	Introduction to Instructional Design				3	1957	LEC	CE0	Online			L. Poklop	1380	
INSDSG 603	Selection and Evaluation of Instructional Materials	PR			3	1958	LEC	CE0	Online			M. Simon S. McAuliffe	1380	
INSDSG 610	Video Principles for Instructional Design	PR			3	1959	LEC	CE6	TuTh	6:00-9:00pm	H-UL-030	F. Keefe	1380	
INSDSG 612	Instructional Strategies and the Adult Learner	PR			3	1960	LEC	CE2	TuTh	6:00-9:00pm	H-LL-019	J. Powers	1380	
INSDSG 618	Assessment in the Instructional Design Process	PR			3	1961	LEC	CE0	Online			L. Andrews	1380	
INSDSG 622	Curriculum Development for Organizations	PR			3	1963	LEC	CE0	Online			I. Yukananhov	1380	
INSDSG 696	Independent Study	PR			3	1964	LEC	CE0	Online			J. Erdman	1380	
INSDSG 697	Special Topics: Universal Course Design: A Pathway to Mindful and Creative Adult Learning for All				3	1965	LEC	CE0	Online			V. Haven	1380	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
Latin														
Conventiculum Bostoniense: Latin by the Sea		*A Latin-only intensive program in Dartmouth, MA. For more information, see page 79.*												
LATIN 602	Caesar				3	2112	LEC	CEO	Online			R. Colaizzi	1380	
LATIN 609	Lucretius				3	1914	LEC	CE5	MTuWTh	1:00-4:00pm	W-1-047	F. Nisetich	1380	
Management Science and Information Systems														
MSIS 614	Business Data Communications & Computer Networks	PR			3	1538	LEC	CE6	TuTh	6:00-9:00pm	W-2-107	J. Kuilboer	1380	
MSIS 617	Management of the Supply Chain				3	1450	LEC	CE6	MW	6:00-9:00pm	M-2-214	R. El Hayek	1380	
Mathematics														
MATH 545	Probability & Statistics I for Secondary Teachers				3	1410	LEC	CE2	MTuWTh	10:00-11:30am	W-1-063	G. Schay	1380	
Nursing														
NURSNG 614	Advanced Pathophysiology	PR			3	2015	LEC	CEO	Online			H. Lee	1380	
						2017	LEC	CEO	Online			C. Saniuk		
NURSNG 615	Advanced Health Assessment	PR			3	2018	LEC	CEO	Online			K. Ouzts	1380	75
						2019	LEC	CEO	Online			Staff		
NURSNG 618	Health Policy, Finance, Ethics	PR			3	2020	LEC	CEO	Online			B. Rowlands	1380	
NURSNG 631	The Role of the Advanced Practice Nurse	PR			3	2021	LEC	CEO	Online			K. Golden McAndrew	1380	
NURSNG 634	Advanced Pharmacology	PR			3	2022	LEC	CEO	Online			K. Fabiszewski	1380	
						2024	LEC	CEO	Online			T. Buttaro		
NURSNG 637	Mental and Psychosocial Health of the Urban Family	PR			3	2026	LEC	CEO	Online			M. Plasse	1380	25
NURSNG 639	Primary Care of Adults	PR			3	2029	LEC	CEO	Online			C. Bogal	1380	
NURSNG 671	Primary Care of Older Adults	PR			3	2030	LEC	CEO	Online			K. Dick	1380	
NURSNG 672	Primary Care of the Adult/Older Adult Practicum III	PR			6	2031	LEC	CEO	Online			B. Rowlands	2760	75
NURSNG 680	Primary Care of the Family Practicum II	PR			6	2032	LEC	CEO	Online			T. Buttaro	2760	75
						2033	LEC	CEO	Online			K. Ouzts		
						2034	LEC	CEO	Online			C. Bogal		
NURSNG 682	Primary Care of the Family Practicum III and Capstone	PR			6	2035	LEC	CEO	Online			M. McAllister	2760	75
						2036	LEC	CEO	Online			D. White		
						2037	LEC	CEO	Online			M. Coughlin		
NURSNG 715	Health Informatics	PR			3	2038	LEC	CEO	Online			S. LaCoursiere	1380	
NURSNG 760	Introduction to Biostatistics: Biostatistics I	PR			3	2039	LEC	CEO	Online			L. Shi	1380	
NURSNG 796	Independent Study	PR			3	2040	LEC	CEO	Online			A. Smith	1380	
Psychology														
PSYCH 614	Forensic Psychology				3	2079	LEC	CE6	TuTh	6:00-9:00pm	M-2-205	K. Larson	1380	
Global Post-Disaster Studies														
CRSCAD 522	Migrants and Refugees				3	2042	LEC	CE6	Online			P. Kretsedemas	1380	
Sociology														
SOCIOL 623	Alcohol, Drugs & Crime	PR			3	1452	LEC	CEO	Online			S. Hartwell	1380	
Spanish														
SPAN 512	Assessing Foreign-Language Learners (Spanish)				3	1981	LEC	CEO	Online			D. Mansilla	1380	
SPAN 540	Caribbean Borders:Literature & Identity in the Hispanic Caribbean				3	1982	LEC	CE4	MTuWTh	5:00-7:00pm	S-2-062	M. Martinez Earley	1380	
Special Education														
SPEG 607	Behavioral and Classroom Management				3	2048	LEC	CE1	MTuWTh	5:00-7:00pm	W-1-042	C. Denning	1380	
SPEG 621	Introduction to Disabilities for Educational Professionals				3	2049	LEC	CE1	MTuWTh	7:15-9:15pm	S-2-062	R. Goodale	1380	
SPEG 684	Computers in Special Education	PR			3	2162	LEC	CEO	Online			T. Jeffs	1380	
						2163	LEC	CEO	Online			Staff	1380	

Catalog #	Course Title	Pre-req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Room	Instructor	Fee	Lab Fee
NON-CREDIT COURSES														
English as a Second Language														
ESL-NC 002	University Preparation	*For more information, please visit* **uc.umb.edu/esl/**												
Graduate Test Preparation														
TESTPREP 001	Review for the Graduate Record Examination (GRE)	*For more information, please visit* **uc.umb.edu/testprep/**												
TESTPREP 002	Review for the Graduate Management Admission Test (GMAT)													
TESTPREP 003	Review for the Law School Admission Test (LSAT)													
TESTPREP 004	Math Refresher Course													
TESTPREP 005	Intensive Math Review for MTEL and Beyond: MTEL 03: General Curriculum													
TESTPREP 007	Intensive Math Review for MTEL and Beyond: MTEL 47 & MTEL 08: Middle School and High School Math													
TESTPREP 008	Intensive Review for MTEL Writing Subtest-Communications and Literacy													
TESTPREP 009	Intensive Review for MTEL Reading Subtest-Communications and Literacy													
Haitian Creole Summer Language Institute														
LANGINST 002	Haitian Creole I (Beginner)	*For more information, please visit* **uc.umb.edu/summerinstitutes/haitiancreole/**												
LANGINST 003	Haitian Creole II (Intermediate)													
LANGINST 004	Haitian Creole III (Advanced)													
LANGINST 005	Techniques of Haitian Creole Translation													
AFRSTY 480	Introduction to Haitian Creole Studies													
Performance Management														
PRFTRN 093	Performance Measurement for Government and Non-Profits	*For more information, please visit* **uc.umb.edu/corporate/government-performance/**												

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Undergraduate Courses

If you have questions about your eligibility to enroll in University College courses, or about distribution and diversity requirements, turn to page 101-102 Academic Information, or for further assistance call 617.287.7900.

Updated Distribution/Diversity Requirement Codes

Use the following chart to match codes in the course descriptions to full distribution or diversity name:

Distribution Area:

AR	Arts
HU	Humanities
MT	Mathematics
NS	Natural Sciences
SB	Social and Behavioral Sciences
WC	World Cultures
WL	World Languages

Diversity Area:

U	United States
I	International

= Course available online
= Award-winning
= International Program
= Green Themed

Accounting and Finance

Please refer to eligibility information on page 102 before enrolling in College of Management courses.

Personal Finance **AF 201**

Introduces students to planning and managing personal and family finances. Topics include insurance and estate planning, relationships with banks, issues in home ownership and real estate, the fundamentals of investing in stocks and bonds, tax planning, leasing as compared with buying automobiles, and financing college education. This course cannot be counted toward the finance or accounting concentration in the College of Management.

3 Credits

Financial Accounting **AF 210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g. owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.

3 Credits

Prerequisites: a minimum of 30 credits.

Managerial Accounting **AF 211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, standard job order and process cost systems, cost-volume-profit analysis, cost allocation, activity-based costing, standard costs, and variance analysis.

3 Credits

Prerequisites: AF 210 and a minimum of 30 credits.

MGT students only.

Introduction to Financial Management **AF 301**

Introduces financial management (both short term and long term), specifically what an organization invests in, and how the necessary funds are best raised; the course also acquaints students with various kinds of securities and the operation of financial markets and institutions. Specific topics include ratio analysis, working capital management, financial markets and institutions, the time value of money and capital budgeting, the cost of capital, financial leverage and capital structure, and dividend policy.

3 Credits

Prerequisites: AF 211 and a minimum of 60 credits and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146.

Business Law **AF 330**

Examines the body of law involved in the formation, operation, and termination of business organizations; in contracts; in debtor-creditor relations; in uniform commercial code (sales, commercial paper, secured transactions); in property, estate, and trust; in government regulations; and in issues of CPA liability. Course content encompasses the topics to be found on the CPA law examination.

3 Credits

Prerequisites: AF 211 and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146 and a minimum of 60 credits.

MGT students only.

Federal Taxation I **AF 450**

Studies the law and procedures of the federal income taxation of individual taxpayers. The course presents the income tax concepts of gross income recognition, deductions, tax credits, and the effects of property transactions.

3 Credits

Prerequisites: AF 211 and a minimum of 60 credits.

MGT students only.

Internship **AF 480**

Provides students with opportunities for full- or part-time work experience in a management science and information systems setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 credits

Prerequisites: 75 credits, 2.5 minimum GPA, completion of at least one concentration course, completion of at least 21 credits in the Management Core and Foundation courses. Department permission required through the CM Undergraduate Program Office.

MGT students only.

Financial Policy **AF 495**

Utilizes the case study method to apply theoretical concepts and techniques learned in previous courses to the analysis of real situations and practical problems in financial management and policy. Some cases will have a strong international focus. This course is intended as a "capstone" course to be taken after all other concentration courses. It provides an opportunity for reviewing, integrating, and putting into practice the skills acquired in previous courses.

3 Credits

Prerequisites: AF 325 and 335, and a minimum of 60 credits.

MGT students only.

Africana Studies

INTERNATIONAL PROGRAMS

Haiti Today: People, Culture and Politics

uc.umb.edu/international

For more information, see page 75.

SUMMER INSTITUTE

Haitian Creole Language and Culture Summer Institute

uc.umb.edu/summerinstitute

For more information, see page 80.

Introduction to Africana Studies **AFRSTY 101**

This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.

3 Credits Dist WC Div I

African-American History I **AFRSTY 110**

An intensive study of the social, economic, and political history of African-Americans from the slavery period through the Civil War, with particular emphasis on the social and cultural antecedents of African-Americans, Abolitionism and the Civil War.

3 Credits Dist HU

African-American History II **AFRSTY 111**

An intensive study of the social, economic, and political history of African-Americans from the era of Reconstruction to the present. Topics include the African-American during Reconstruction, racism in America, and a critical examination of the variegated patterns of African-American response to American social conditions in the late nineteenth and twentieth centuries.

3 Credits Dist HU Div U

African Images in Literature **AFRSTY 150**

This course examines the different ways in which African writers have represented the continent of Africa by focusing on their struggle to develop authentic forms and images. Through the reading of selected folk tales, novels, and poems from different African societies, participants consider such issues as the influence of colonialism on creative writing; the politics of African culture; race and class; the images and status of women.

3 Credits Div I

The Roots of the African-American Family **AFRSTY 201**

An exploration of the social, economic, and religious issues affecting the African-American family.

3 Credits

The Civil Rights Movement **AFRSTY 250**

This course examines the American Civil Rights movement as it developed during the period from 1954 to 1965, and as it changed during the period from 1966 to 1986. The course assesses the roles played by individuals, movements, governments, and political leaders in the process of social change.

3 Credits

Women in African Cultures **AFRSTY 300L**

This course challenges stereotypical constructions of Africa and African women in mainstream media by considering internal and external historical relationships that have shaped and redefined the cultures, ideas, institutions, politics, and social relations of several specific groups of African women. Through a multi-disciplinary approach, the course addresses issues and challenges of contemporary Africa, and explores many of the themes and concerns that have run throughout Africas gendered, complex, and changing history. Popular culture sources, as well as scholarly studies and activist writing, will be employed to help illuminate the lived experiences and perspectives of contemporary women living in various African societies.

3 Credits Div I

Topics in Africana Studies **AFRSTY 480**

Intensive study of special topics varying each year according to instructor.

3 Credits

American Studies

Popular Culture in America **AMST 101**

This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.

3 Credits Dist HU

The Sixties **AMST 206**

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.

3 Credits Dist HU Div U

Prerequisite: ENGL 102.

American Dreams/American Realities: Men and Women in Society and Culture 1600-1860 **AMST 210**

Documents, diaries, letters, essays, fiction, and art, along with secondary historical and anthropological sources, are used to compare the dreams and realities of men's and women's lives in America from the first contact between European explorers and Native Americans up through the Age of Reform (1830-60). Topics include visions of landscape and nature; contrasting cultures of Indians and Anglo-Americans; family and "women's place"; slavery; working class organization; and women's rights.

3 Credits Dist HU Div U

Prerequisites: ENGL 102.

The United States In The Eighties **AMST 212G**

This course examines the politics and experiences of President Reagan's "morning in America," including family life, work, and organized labor; changes in the pattern of wealth and poverty; the enlargement of the role of the media in culture and politics; and US interventions in Central America and elsewhere. The course may be counted toward the American studies major or minor. Capabilities addressed: Critical reading, critical thinking, clear writing, academic self assessment, collaborative learning, information technology.

3 Credits

Prerequisites: ENGL 102, and a minimum of 30 credits.

Degree students only.

Asians in the United States **AMST 250**

Tourism is the world's largest industry. We encounter tourists on Boston's Freedom Trail, Harvard Square in Cambridge and on Cape Cod. In turn, we ourselves are tourists as we travel to Washington D.C., Disneyworld, and beyond. The tourist experience shapes our understanding of the past, our perceptions of ourselves and others, and our notions of the authentic and the exotic. Tourist encounters often place inequalities based upon class, race and ethnicity in sharp relief. Using history, anthropology, and cultural studies, this course explores the nature of tourism and how it affects and reflects U.S. culture.

3 Credits Dist HU

Prerequisites: ENGL 102.

Television in American Life **AMST 310**

The American experience with television and its cultural, political, and economic implications. Topics include technological innovation, entrepreneurship, the changing cultural content of "prime-time" programming, and public broadcasting cable system capabilities.

3 Credits

Prerequisite: a minimum of 30 credits or Permission of Instructor.

Anthropology

INTERNATIONAL PROGRAMS

Caribbean Studies Summer Institute

Field School in Prehistoric Archaeology in Belize

uc.umb.edu/international

For more information, see page 75.

FIELD STUDY

Field School in Archaeology: Hassanamesit Woods

Field School in Archaeology: Historical Gore Estate

uc.umb.edu/fieldstudy

For more information, see pages 77-78 .

Introduction to Biological Anthropology **ANTH 105**

The study of human biological evolution and human population variation. This course introduces the history, theory, and methods of research in biological anthropology through lectures and hands-on exercises. Major topics include: geological time, classification, and the place of humans in the animal world; evidence for primate and human evolution; evolutionary theory and genetics; and discussion of the evolutionary forces involved in producing human population variation. This course addresses, in assignments and during class time, the following general education capabilities: critical thinking; using technology to further learning; quantitative reasoning; collaborative work; and effective communication. Students who have taken ANTH 102 may not receive credit for ANTH 105.

3 Credits Dist NS

Introduction to Cultural Anthropology **ANTH 106**

An introduction to the anthropological study of cultures, based on ethnographic descriptions and analyses of tribal, developing, and modern state societies. The course explores a variety of concepts and approaches to the study of culture, and participants acquire experience in critical reading, critical thinking, and analytic writing. Students who have taken ANTH 103 may not receive credit for ANTH 106.

3 Credits Dist SB

Human Origins **ANTH 211**

An introduction to the study of man"s biological origins with emphasis on the fossil record, primate analogues of human behavior, and the variety and diversity of modern man including the adaptive significance of this variability.

3 Credits

Prerequisites: ANTH 102 or 105.

Indigenous Peoples and Cultural Change In Amazonia **ANTH 220G**

This course focuses on indigenous peoples of South America's Amazon region, and persistence and change in their cultures and histories, from 1500 to the present- especially in response to European colonizers, missionaries, modern states, and contemporary rain forest development. Participants consider the human rights issues involved, and critique conventional European representations of Amazonians, in ethnography, literature and film. Capabilities addressed: Critical reading, critical thinking, clear writing, academic self assessment, collaborative learning, information technology.

3 Credits

Prerequisites: ENGL 102, and a minimum of 30 credits. Degree students only.

Afro-Caribbean Religions **ANTH 223G**

The purpose of this course is to examine several of the better known Afro-Caribbean religious movements that have played a major role in the modern history of the Caribbean region. Historical influences from Europe, Africa and the Americas will be addressed. The course provides an introduction to the anthropological study of religion and to the field of Caribbean studies. Capabilities addressed: Critical reading, critical thinking, clear writing, information technology.

3 Credits

Prerequisites: ENGL 102, and a minimum of 30 credits.

Degree students only.

Urban Anthropology **ANTH 252**

A comparative study of the form and quality of urban life in the contemporary United States and in selected non-Western cultures. Through an examination of selected case studies, the course assesses the varying theories, methodological strategies, and research techniques that have been employed in anthropological analyses of cities; and considers their significance in the broader field of urban studies. Attention is also given to the cultural evolutionary processes leading to the origin and spread of cities and urbanized society, in both the ancient and modern worlds.

3 Credits

Prerequisite: ANTH 100 or 103 or 106.

Anthropology on Film **ANTH 260**

This course explores how we depict and socially construct "others" through filmic media, including photography, cinema, and the Internet. Filmic technologies are emergent worlds integral to post-modern knowledges: they mediate and shape our perception of the world. In this course you will review the basic principles of anthropology, study the theory and history of cinema and photography in anthropology, and create ethnographic studies of your own in various filmic media: photography, power point slide shows, and cinegraphic film (optional). There are four parts to the course: reading, discussion, individual field work, and several first-hand ethnographic studies through filmic expository on particular cultural groups of your choice. The course grade is based on discussions and presentations of ethnographic field work through filmic media.

3 Credits

Dreams and Dreaming ANTH 262

A cross-cultural exploration of dreams and dreaming across cultures, with general attention to the western Pacific, and the Mekeo people of Papua New Guinea in particular: review of the anthropology of dreams in the context of theoretical works by Freud and Jung, and recent neurobiological studies; and the relationship of dreams to notions of the self, person, and individual.

3 Credits

Peoples and Cultures of the Middle East ANTH 271

An examination of historical and socio-political forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.

3 Credits Div I

Peoples and Cultures of Africa ANTH 272

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.

3 Credits Dist WC Div I

Peoples and Cultures of Mesoamerica (Mexico and Guatemala) ANTH 273

A survey of Mesoamerican ethnology including an introduction to cultural and linguistic regions through comparisons of ethnographic materials. Emphasis is given to acculturation, during the colonial period, among indigenous and Spanish-speaking populations, and, in the contemporary period, on social change among rural and urban sectors.

3 Credits Dist WC Div I

Peoples and Cultures of the Caribbean ANTH 274

An ethnographic and historical overview of the Caribbean, examining the impact of external forces on local economic organization, domestic life, religion, and migration, with attention to the importance of transnational communities and migrations that link the islands with the North American mainland.

3 Credits Dist WC

Peoples and Cultures of China ANTH 275L

This course describes and analyzes China and Chinese society through the perspective of culture. By looking at the ways in which Chinese people lead their lives, the beliefs and ideas they place importance upon and the ways in which these ideas are manifested in people's actions, we hope to gain a more thorough understanding of China as a social, political and economic entity, and a more nuanced and analytical understanding of Chinas diverse peoples. Some of the themes we will address include the following: unity and diversity in Chinese society, the role of the family, the place of the state, food and eating, gender relations, ritual and religion, popular culture (particularly movies and opera), economic and social change, nationalism and international relations.

3 Credits Dist WC

Gender, Culture, Power ANTH 360

Feminist and other critical approaches in anthropology have challenged prevailing Western assumptions about the categories for woman and man. Such studies reveal that power infuses gender identities and gender relations in profound ways. This course provides an overview of anthropological studies of gender, cultural, and power, with special attention to the construction and contestation of gender in varied cultural contexts.

3 Credits

Prerequisite: ANTH 106.

Social and Cultural Perspectives on Witchcraft and Sorcery ANTH 367

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.

3 Credits Dist WC

Prerequisites: Sophomore standing or higher or permission of instructor.

Anthropology of Death ANTH 372

Although human mortality occurs in all societies, it is understood and defined differently within various settings. This course examines how culture influences the way people respond to the fact of death. Key themes include: the analysis of funeral rituals; religion and art in relation to death; cultural dimensions of mourning; and the relationship between social organization and death.

3 Credits

Prerequisite: Sophomore standing.

Arabic

Elementary Arabic I — ARABIC 101

ARABIC 101 is designed for students with no previous knowledge, or very limited knowledge of the Arabic language. The first part of this course focuses on learning the script, sound and writing systems in Arabic. Building upon these skills, in the second part of the course, we will focus on the four communication skills (reading, speaking, listening and writing) of Modern Standard Arabic (MSA). We will also immerse ourselves in Arabic language and culture through various activities designed around the audio-visually enhanced Maha and Khalid, and their family storyline.

4 Credits Dist WL

Elementary Arabic II — ARABIC 102

ARABIC 102 picks up where ARABIC 101 left off. Our central tasks will be building vocabulary and mastering basic grammatical structures. Well also stress training in reading and writing Arabic sentences and in enhancing spoken skills necessary for a variety of daily activities. As the course progresses, more emphasis will fall on assimilating the language for more complex communicative purposes related to describing self, family members, career plans, and abstract matters like personal feelings and decisions.

4 Credits Dist WL

Prerequisites: ARABIC 101 or equivalent.

Art

SUMMER PROGRAMS ON NANTUCKET

ART 380 Painting Studio on Nantucket

uc.umb.edu/nantucket/

For more information, see page 78.

The Language of Art — ART 100

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as elements of composition, rhythm, symmetry, and space; and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.

3 Credits Dist AR

Ancient and Medieval Art — ART 101

The course offers an historical survey of art and architecture of the ancient world, giving particular emphasis to Egyptian, Greek and Roman cultures. Students are also introduced to the arts in Medieval Europe, with a special focus on the Romanesque and Gothic styles.

3 Credits Dist AR

Renaissance to Modern Art — ART 102

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.

3 Credits Dist AR

American Art in Boston — ART 252

A historical survey of painting, sculpture, and architecture in Boston from the seventeenth to the early twentieth centuries. Emphasis is given to the principal theories and intellectual currents that shaped American art. Topics include an analysis of Puritan aesthetics, the search for an American style, eclecticism and diversity in the nineteenth century, and Boston Impressionism.

3 Credits

Drawing I — ART 281

A comprehensive introduction to basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing. Fundamentals of visual language are also addressed.

3 Credits Dist AR

Introduction to Sculpture — ART 286

Introduction to Sculpture introduces the concepts, processes, and materials that form the foundation and evolving definition of sculpture. It will explore the autobiographical, aesthetic, conceptual, and formal possibilities through the sculpture making practice, including video, installation, public art, object based works, and performance. It involves the practice of learning to see through the activity of making sculpture. This class will act as an introductory forum for students engaged in the exploration of possibilities in sculpture and will push students to question conventional ideas about contemporary art and sculpture and define it for themselves. It will challenge every student to develop a critical self-awareness about this or her own work and better understand the issues and contexts that inform artmaking in todays world.

4 Credits Dist AR

Photography I — ART 293

An introduction to basic issues in photography. The mechanics of the camera, the techniques of the darkroom, and matters of creative and personal import are addressed through illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography.

4 Credits Dist AR

Prerequisites: Art majors, or students with less than 90 degree credits.

Asian American Studies

Asians in the United States **ASAMST 223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.

3 Credits Dist HU Div U

Southeast Asians in the United States **ASAMST 225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.

3 Credits Dist SB Div U

Asian American Psychology **ASAMST 238L**

This course is an introduction to the psychological experience of Asian Americans, including the historical, sociopolitical, and cultural influences that shape personality and mental health in community, family, and individual contexts. The course also explores prevention and intervention possibilities through specific examples, such as trauma and intergenerational conflict, that are relevant for Asian American populations.

3 Credits Dist SB Div U

Asian American Cultures and Health Practices **ASAMST 345**

Students examine critical health issues among diverse Asian cultures and communities, including cultural influences on health behaviors and practices of Asian Americans, and the relationships between health of Asian Americans and social, political, and economic contexts. A field work component enables students to develop culturally sensitive health intervention strategies or policies for individuals, families, and communities.

3 Credits

Asian Studies

Peoples and Cultures of China **ASIAN 275L**

This course describes and analyzes China and Chinese society through the perspective of culture. By looking at the ways in which Chinese people lead their lives, the beliefs and ideas they place importance upon and the ways in which these ideas are manifested in people's actions, we hope to gain a more thorough understanding of China as a social, political and economic entity, and a more nuanced and analytical understanding of Chinas diverse peoples. Some of the themes we will address include the following: unity and diversity in Chinese society, the role of the family, the place of the state, food and eating, gender relations, ritual and religion, popular culture (particularly movies and opera), economic and social change, nationalism and international relations.

3 Credits Dist WC

Women in Modern China **ASIAN 359L**

This course examines the social and cultural roles of Chinese women, and their changes over time. Emphasis is given to twentieth-century China, especially the People's Republic period.

3 Credits Dist WC Div I

Modern Japan **ASIAN 363L**

This course examines the social and cultural roles of Chinese women, and their changes over time. Emphasis is given to twentieth-century China, especially the People's Republic period.

3 Credits Div I

Topics in East Asian Studies: International Security **ASIAN 480**

As the news from Afghanistan reminds us, war is part of life. This course introduces students to the study of armed conflict, with a regional focus on Asia. We will begin by exploring the main concepts (anarchy, national interest, security dilemma, balance of power, deterrence) and theories (realism and its critiques) in international security. We will then discuss to the causes of war and the attempts to address those causes through international law and organization and democratization. We will conclude by analyzing new threats to international security, such as nuclear proliferation, ethnic conflict, and terrorism. Throughout the course, we will consider normative issues, such as state sovereignty and human rights. We will read works by historians, political scientists, philosophers, and practitioners of war. Case studies will be drawn from the Persian Gulf, the Indian subcontinent, the Korean peninsula, and the South China Sea.

3 Credits

Biochemistry

Biochemistry I **BIOCHM 383**

In the first of a two-semester sequence, the chemistry of life processes is discussed in terms of structure and biological function of proteins, nucleic acids, carbohydrates, lipids, and other cellular components. Special emphasis is given to protein structure and function, enzymology, carbohydrate metabolism, transport mechanisms, energy transformations, and photosynthesis. It is recommended that BIOCHM 385 be taken concurrently. Please note: Students needing credit toward a MEd may take this course at the 500 level with permission of instructor.

3 Credits

Prerequisites: BIOL 111 and one of the following CHEM 254 with 256; or CHEM 254; or CHEM 954A.

Biology

SUMMER PROGRAMS ON NANTUCKET

BIOL 100 Coastal Ecology

BIOL 306 Marine and Coastal Ecological Research

uc.umb.edu/nantucket

For more information, see page 78 .

The Basis of Life — BIOL 101

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.

3 Credits Dist NS

Introduction to Nutrition — BIOL 108

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.

3 Credits Dist NS

General Biology I — BIOL 111

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.

4 Credits Dist NS

General Biology II — BIOL 112

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.

4 Credits Dist NS

Prerequisites: BIOL 111.

Anatomy and Physiology I — BIOL 207

A study of the human organism, correlating structure and physiological mechanisms. Emphasis on skin, the special senses, and the skeletal, articular, muscular, nervous, and endocrine systems. Required of nursing and human performance and fitness majors.

4 Credits

Prerequisites: BIOL 111. Open to Nursing and Exercise & Health Science majors only.

A note for non-nursing or EHS students: registration is restricted to CNS/EHS students until two weeks prior to the start of the term. At that time, students may contact the department and if there are spaces, they will be allowed to register.

Anatomy and Physiology II — BIOL 208

Continuation of BIOL 207. Emphasis on the digestive, circulatory, respiratory, excretory, and reproductive systems. Required of nursing and human performance and fitness majors.

4 Credits

Prerequisites: BIOL 20. Open to Nursing and Exercise & Health Science majors only.

A note for non-nursing or EHS students: registration is restricted to CNS/EHS students until two weeks prior to the start of the term. At that time, students may contact the department and if there are spaces, they will be allowed to register.

Medical Microbiology — BIOL 209

An introduction to viruses, bacteria, fungi, and protozoa which may be pathogenic to humans and animals• and to immunology, epidemiology, and clinical microbiology. The laboratory introduces sterile techniques, maintenance of pure cultures, isolation, identification, and immunological methods.

4 Credits

Prerequisites: BIOL 111 and CHEM 104 or 108 , CHEM 116 and 118, or CHEM 130. This class is open to Nursing majors only. Biology majors should take BIOL 334.

Cell Biology — BIOL 210

A study of structure and function of cells including physiological and biochemical processes of cells, membranes, subcellular organelles, and of specialized cells. Specific topics include synthesis and mode of action of biological macromolecules, flow of information and energy, mode of enzyme action, cell-to-cell communication, and membrane functions such as transport. Note: Students (non-biology majors) who do not wish to take the laboratory portion of this course should register for BIOL 212. No student may take this course after successful completion of BIOL 212.

4 Credits

Prerequisite: BIOL 112 and CHEM 103 or 115 and 117. *A note for non-nursing or EHS students: registration is restricted to CNS/EHS students until two weeks prior to the start of the term. At that time, students may contact the department and if there are spaces, they will be allowed to register.*

Corequisite (or prerequisite): Math 130 or placement into MATH 140 from the math placement exam.

Cell Biology — BIOL 212

The description of this course is the same as BIOL 210. This course consists of lecture sections only; there is no laboratory. Biology majors should take BIOL 210. No student may take this course after successful completion of BIOL 210.

3 Credits

Prerequisite: BIOL 112 and CHEM 103 or 115 and 117. Corequisite (or prerequisite): Math 130 or placement into MATH 140 from the math placement exam.

Molecular Biology BIOL 372

The description of this course is the same as BIOL 370; this course consists of lecture sections only; there is no laboratory. (No student may take this course after successful completion of BIOL 370.) Please note: Students needing credit toward a MEd may take this course at the 500 level with permission of instructor.

3 Credits

Prerequisites: BIOCHM 383 and BIOL 210 or 212 and BIOL 252 or 254.

A note for non-nursing or EHS students: registration is restricted to CNS/EHS students until two weeks prior to the start of the term. At that time, students may contact the department and if there are spaces, they will be allowed to register.

Business Communication

Please refer to eligibility information on page 102 before enrolling in College of Management courses.

Fundamentals of Business Communication and Critical Analysis BC 230

This course provides rigorous instruction in the basics of written and oral communication for managers. Instruction will focus on necessary writing, analytical reading, and critical thinking required in business. This is a writing-intensive course preparing students for the challenges of BC 290. Additionally, the course is devoted to improving students verbal skills in articulation, presentation skills, and confidence in sharing ideas in class.

3 Credits

Prerequisites: ENGL 101 and placement from BC Writing Assessment and 30 or more credits.

Professional Written Communication and Critical Analysis BC 290

This course offers instruction and practice in written business communication and critical analysis. The course emphasizes clarity and coherence in case analyses, and focuses on professionalism within written business communication. Students work on appropriate delivery of information via a range of business letters, resumes, and cover letters. It is required of all students in the College of Management.

3 Credits

Prerequisites: ENGL 102 and placement from BC Writing Assessment and 30 or more credits.

Chemistry

Environmental Concerns and Chemical Solutions CHEM 111L

Human society is constantly facing such environmental issues and problems as ozone depletion, air pollution, acid rain, and the dangers of nuclear energy. This course provides students with a foundation in chemistry that can be used to examine these and other environmental concerns. A combination of hands-on-work and small-group projects illustrates the science behind these issues, and helps students develop an unbiased view.

3 Credits Dist NS

Chemical Principles I - Lecture CHEM 115

Introduction to the fundamental principles of chemistry including atomic structure, stoichiometry, the periodic table of the elements, chemical bonding, molecular structure, and states of matter based on kinetic theory. This course is intended for majors in any of the sciences, including pre-dental, pre-medical, and pre-engineering students.

3 Credits Dist NS

Prerequisites: MATH 115 or placement into MATH 130 or higher on the Math Placement Test. Corequisite: CHEM 117.

Chemical Principles II - Lecture CHEM 116

Introduction to acid-base systems, elementary thermodynamics, chemical kinetics and equilibria, electrochemistry, oxidation-reduction reactions, and a survey of the chemical properties of elements based on principles already introduced. This course is intended for majors in any of the sciences, including pre-dental, pre-medical, and pre-engineering students.

3 Credits Dist NS

Prerequisites: Co-req (or Pre-req) = CHEM 118 and Chem 115.

Chemical Principles I - Lab CHEM 117

Laboratory (accompanies CHEM 115, the lecture component of the course) presents an introduction to methods of quantitative chemical techniques. Students taking CHEM 117 must either be currently enrolled in CHEM 115 or have previously completed CHEM 115 with a passing grade.

2 Credits

Prerequisites: Co-req = CHEM 115 (or Pre-req = CHEM 103).

Chemical Principles II - Lab CHEM 118

Laboratory (accompanies CHEM 116, the lecture component of the course) presents an introduction to qualitative and quantitative analysis. Students taking CHEM 118 must either be currently enrolled in CHEM 116 or have previously completed CHEM 116 with a passing grade.

2 Credits

Prerequisites: Co-requisite CHEM 116.

Organic Chemistry I - Lecture CHEM 251

Introduction to the structure and synthesis of organic molecules, the reactions of the principal functional groups, and the basis theory of organic chemistry. The prediction of reaction products using reaction mechanisms, and the determination of organic structure using spectroscopy. The underlying role of stereochemistry in organic structure and reactions will be emphasized.

3 Credits Dist NS

Prerequisites: CHEM 116 and 118 or CHEM 104; Co-requisite; CHEM 255.

Organic Chemistry II - Lecture CHEM 252

Fundamental principles and advanced topics in organic chemistry. Carbonyl chemistry is covered in particular detail, using principles of stereochemistry, stereoelectronic theory, and molecular orbital theory as a foundation. Students learn about strategies in multi-step organic synthesis and are given an introduction into organometallic chemistry.

3 Credits Dist NS

Prerequisites: CHEM 251 and 255 or CHEM 253; Co-requisite (or Pre-req): CHEM 256.

Organic Chemistry I - Lab CHEM 255

Laboratory (accompanies CHEM 251, the lecture component of the course) presents an introduction to organic laboratory techniques such as extraction, distillation, and recrystallization. Students taking CHEM 255 must be currently enrolled in CHEM 251.

2 Credits

Prerequisites: CHEM 116 and 118 or CHEM 104; Co-requisite: CHEM 251.

Organic Chemistry II - Lab CHEM 256

Laboratory (accompanies CHEM 252, the lecture component of the course) presents an introduction to organic synthesis. Students taking CHEM 256 must be currently enrolled in CHEM 252.

2 Credits

Prerequisites: CHEM 255 or CHEM 253; Co-requisite: CHEM 252.

Advanced Laboratory in Chemistry I CHEM 481

Special laboratory topics under individual guidance by faculty member.

1-4 Credits

Prerequisites: CHEM 254 or 256, and any two of the following: CHEM 311, 312, 369, 370. Requires permission of department.

Chinese

Elementary Chinese I CHINSE 101

For students with no previous training in Chinese. Introduction to pronunciation (Mandarin), grammar, conversation, Chinese characters and the Pinyin romanization system.

4 Credits Dist WL

Elementary Chinese II CHINSE 102

A continuation of CHINSE 101. Grammar, pronunciation, conversation, reading, and writing.

4 Credits Dist WL

Prerequisites: CHINSE 101 or equivalent.

Classics

Demystifying Language: English Vocabulary CLSICS 161

Seventy-five per cent of English vocabulary derives from either Latin or Greek. This course provides students with a system and analytical tools to demystify the process of building their English vocabulary. Students are given an introduction to English word formation (morphology) and principles of semantic change, as well as to history of the English language, while mastering a large body of word elements based in Latin and Greek. The course builds general linguistic awareness while increasing students English vocabulary and ability to understand unknown words at sight. Attention is given to academic, scientific and medical terminology.

3 Credits Dist SB

Greek Civilization CLSICS 281

A consideration of the major periods of Greek civilization through the reading of literary masterpieces supplemented by a text and lectures on cultural and historical backgrounds. Discussion of Homer, the tragedians (Aeschylus, Sophocles, Euripides), Aristophanes, Plato. Introduction to archaeological and artistic materials.

3 Credits Dist WC

Women in Greek Society and Literature CLSICS 287

Readings in English translation of works of Greek literature dealing with women and their place in society. Particular attention is given to the social, historical, religious and economic forces that shaped gender roles in Greek society, and to the gulf between the roles of women in society and their images in literature. Not open to students who have taken CLSICS G212

3 Credits Dist HU Div I

Greek and Roman Tragedy CLSICS 375

A survey of the tragic drama of fifth-century Athens, including the works of Aeschylus, Sophocles, and Euripides. This course also addresses questions of social and political context, literary genre, conventions of production, and the influence of Greek tragedy on Rome (especially Seneca).

3 Credits Dist AR

Prerequisites: One 200-level or higher level CLSICS course or permission of instructor.

Communication Studies

Introduction to Communication COMSTU 100

This course is designed to provide an introductory survey of the study of communication. The course begins with a general history of the evolution of human communication, and goes on to examine such areas as definitions, models, and basic concepts in communication; the range of verbal and non-verbal codes, and their complex interrelations in the message systems of modern electronic media; and various communication contexts, with emphasis on the structure and function of interpersonal communication and mass communication, particularly broadcast and cable television.

3 Credits Dist SB

Oral Communication COMSTU 105

This course focuses on improvement of interpersonal, small group, and public communication skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.

3 Credits

Using Internet Communication COMSTU 210

Using Internet communications enhances students' theoretical understanding of electronic communication and their ability to communicate as professionals, scholars, and citizens using the Internet. Participants learn core communication theoretical models and principles, and apply them to electronic communication methodologies that enhance interpersonal, small group, and public interactions. These methodologies include electronic meetings, discussion forums, co-authoring tools, audio, and video.

3 Credits

Analyzing Media COMSTU 250

Participants intensively examine mass media products, including print media, radio, television, and the visual and musical arts. They develop skills in deconstructing media products and evaluating them to arrive at a sophisticated understanding of how the various mass media are produced and how they interact with society and culture. The course makes use of both theoretical texts and the media products themselves.

3 Credits Dist SB

Prerequisites: ENGL 102.

Special Topics: Dialogue, Disputes and Argumentation COMSTU 280

This course reviews the theories and misconceptions of effective and appropriate conflict communication. Through selected readings, students will analyze common communication approaches people employ in an attempt to deal with everyday and difficult communication topics and examine the ramification of people's choices of persuasion regarding the presentation of ideas, solutions, proposals, and advice. Additionally, students will discuss, evaluate, and engage in communication scenarios that will help them manage and possibly prevent conflict. Topics of discussion will include issues of power, problem-solving and decision-making, civility, assertion, cultural appropriateness, ethnocentric bias, persuasion, argumentation, debate, disputes, collaboration, and generative dialogue.

3 Credits

Special Topics: Beyond Social Media: Mobilized Communication COMSTU 280

This course examines the virtualization of communication due to the widespread access to wireless technology and rapid adoption of mobile devices such as eReaders, Tablets, Netbooks and Smartphones. While Social Media and Member Community sites have expanded our access to the physical world, they have done so at the expense of traditional, interpersonal interaction. Specifically, this course will explore how 100% Web-based applications (Apps) in "The Cloud" has given us on-demand access via any platform from anywhere in the world, to productivity, sharing & collaboration tools with greater security and reliability over traditional, on-premise information technology (IT). This fully connected device/location agnostic, 24/7/365 access through "Cloud Computing" is what is often referred to as Web 3.0.

3 Credits

Information Technology and Human Communication COMSTU 300

This course examines the relationship between information technology and human communication. Readings, discussion, assignments and projects address IT's potential to enhance and constrain communication; its role in the promotion or dissolution of community; its implications for social policy; its place among other media; and many more issues for which IT, particularly cyber-technology, is a lightning rod.

3 Credits Dist SB

Computer Science

An Introduction to Computer Concepts — CS 105

This course presents an overview of the role of computers in society: their application and misapplication, their capabilities and limitations. Applications may include artificial intelligence, medical, aerospace and business use of computers. Computer hardware and associated technologies are discussed. Computer programming is taught from a non-mathematical, problem-solving point of view; the course objective is to help students acquire an understanding of the programming process, rather than to develop complex or extended computer programs. This survey course is not part of the computer science major sequence. Students planning to major in computer science should start with CS 110.

3 Credits Dist MT

Prerequisite: MATH 115 or appropriate scores on the Math Placement Test. Permission of department required (617.287.6440).

Introduction to Computing — CS 110

An introduction to computer programming: the concepts involved in use of a higher level language and the program development process. The goal of this course is proficiency in the design and implementation of programs of significant size and complexity. This course is quite demanding because of the length of the programming exercises assigned. This is the first course in the computer science sequence. CS 110 is taught using the programming language Java. Note: Credit toward a UMass Boston degree may be awarded for only one elementary programming course. No credit will be given for CS 110 to a student who has already completed a similar course. For instance, a student who has received the equivalent of CS 110 as transfer credit cannot take CS 110 for credit here. Students who are barred from receiving credit for CS 110, but who are not fully prepared for CS 210, should request permission to take CS 119 (below) as a means of remedying the deficiency.

4 Credits Dist MT

Enrollment Requirement: PASSED MATH 140 or appropriate scores on the Math Placement Test.

Introduction To Java — CS 114L

An introductory course in Java programming that exposes students to the concepts involved in using a higher-level, object-oriented programming language. The course will explain the program development process and give students lots of hands-on experience writing small Java programs. The course serves as a prerequisite to other IT courses.

3 Credits Dist MT

Prerequisite: MATH 129 or MATH 130 or higher level math, or appropriate scores on the Math Placement exam.

Introduction to Java Part 2 — CS 115L

A second course in Java programming that exposes students to the concepts involved in using a higher-level, object-oriented programming language. This course, a continuation of CS 114, covers more advanced Java topics and gives students hands-on experience writing small and medium-size Java programs. This course and CS 110 may not both be taken for credit.

3 Credits Dist MT

Prerequisite: IT 114L or CS 114L.

Intermediate Computing with Data Structures — CS 210L

The design and implementation of computer programs in a high-level language, with emphasis on proper design principles and advanced programming concepts, including dynamic data structures and recursion. The assignments are designed to introduce the student to a variety of topics in computing: data structures and ADTs, Lists, Stacks, Queues, Ordered Lists, Binary Trees, and searching and sorting techniques. The language of instruction is Java.

4 Credits Dist MT

Prerequisite: CS 110 or CS 115L or IT 115L.

Programming in C — CS 240

C programming for programmers with prior knowledge of some high-level language (e.g., one semester of programming in Java). The course treats C as a machine-level language and as a general-purpose language; it covers number representation, masking, bitwise operations, and memory allocation, as well as more general topics such as dynamic data structures, file I/O, separate compilation, program development tools, and debugging.

3 Credits

Prerequisite: CS 110 or CS 115L. Corequisite: CS 210L.

Advanced Data Structures and Algorithms — CS 310

A systematic study of the methods of structuring and manipulating data in computing. Abstract data types. The design and analysis of algorithms. Advanced techniques for program development and organization.

3 Credits

Prerequisite: CS 210L and 240 and MATH 140.

Applied Discrete Mathematics — CS 320L

An introduction to the mathematical structures and concepts used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory. Formal and informal theories and corresponding mathematical proofs are taught.

3 Credits

Prerequisite: CS 110 or CS115L and MATH 260 or permission of instructor.

Special Topics: Introduction to Computation with Python — CS 480

This course introduces the basic issues in computation through exercises in Python programming. Students will write relatively simple programs in several application areas, e.g. mathematics, graphics and biology. This is a good course for those who have no programming experience and who want preparation for taking CS110; students learn about using a editor, program design, implementation and testing. This is also a good course for scientists who wish to learn a popular scientific scripting language.

3 Credits

Criminal Justice

Introduction to Systems of Criminal Justice **CRMJUS 104L**

The goals of the course are to give students a theoretical and empirical foundation of the criminal justice system. Topics will also include the nature of victimization, the inner workings of the criminal justice system and the outcomes for offenders leaving the system. The student will be exposed to the critical issues in justice, be involved in discussions of their impact on American society, and be asked to consider alternative approaches to addressing these issues. In addition, during the discussion of each segment of the American system of justice, comparisons will be made with other developed and developing nations' justice systems.

3 Credits

Criminology **CRMJUS 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.

3 Credits Dist SB

Prerequisites: SOCIOL 101.

Racial and Ethnic Relations **CRMJUS 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.

3 Credits Dist SB Div N

Prerequisites: SOCIOL 101.

Methods of Sociological Research **CRMJUS 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.

3 Credits

Prerequisites: SOCIOL 101.

Corrections **CRMJUS 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.

3 Credits

Prerequisites: SOCIOL 101 and CRMJUS/SOCIOL 262L.

Drugs and Society **CRMJUS 367L**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.

3 Credits

Dist SB

Alcoholism: Etiology and Epidemiology **CRMJUS 368L**

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.

3 Credits

Prerequisites: SOCIOL 101 SOCIOL or PSYSOC or CRMJUS or ALCSUB students only.

Internship in Law and Criminal Justice **CRMJUS 461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.

6 Credits

Prerequisites: SOCIOL 101 and SOCIOL/CRMJUS 262L plus 2 of the following: SOCIOL/CRMJUS 363L, 465L, 467L. 90 or more credits, completion of WPE and major in Criminal Justice or by permission of instructor.

The Police in Society **CRMJUS 465L**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.

3 Credits

Prerequisites: SOCIOL 101.

The Sociology of Law **CRMJUS 467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.

3 Credits

Prerequisites: SOCIOL 101 and SOCIOL/CRMJUS 262L.

Critical Reading and Writing

Elements of Writing Proficiency **CRW 282**

A course for upper-level students who need further work on those critical reading, writing, and thinking abilities necessary to complete the writing proficiency requirement. Intensive instruction and practice in analyzing and synthesizing readings and in developing and documenting essays based on multiple readings. Students must complete 1-2 papers appropriate for submission in a writing proficiency portfolio. A conference with the director of the writing proficiency requirement is recommended before registering. Course enrollment is limited to 22 students.

3 Credits

Proficiency in Analytic Writing — CRW 283

This course is for students who have had repeated difficulty completing the writing proficiency requirement. The course explores a broad theme or topic, reading texts drawn from different disciplines. The course functions as an intensive writing workshop, providing instruction and practice in critical reading, writing, and thinking. Students must develop three critical papers, based on multiple readings, that form the basis of a writing proficiency portfolio. A conference with the director of the writing proficiency requirement is mandatory before registering. Course enrollment is limited to 15 students.

3 Credits

Dance

Modern Dance I — DANCE 134

This course is an introduction to the study of modern dance; emphasis on performance.

3 Credits Dist AR

Multicultural Dance — DANCE 135

This course focuses on the theory, practice, and performance of American, Latin-American, and African-American dance styles.

3 Credits Dist AR

Economics

Introduction to Microeconomics — ECON 101

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is given to the functioning of markets and to the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.

3 Credits Dist SB

Introduction to Macroeconomics — ECON 102

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is given to examining the overall functioning of the economy and to such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.

3 Credits Dist SB

Microeconomic Theory — ECON 201

Analysis of consumer and firm behavior, and of the determination of prices and quantities in both product and factor markets. Equilibrium of the household, the firm, and the industry. Implications of alternative market structures. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.

3 Credits Dist SB

Macroeconomic Theory — ECON 202

An investigation of the forces determining national output, employment, and inflation. Particular attention is paid to those government policies which attempt to affect the overall level of economic activity in the US. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.

3 Credits Dist SB

Statistical Methods — ECON 205

A non-calculus introduction to statistical inference aimed at familiarizing students with common statistical concepts so they will be able to make intelligent evaluations of technical reports. Topics include descriptive statistics; probability, including the normal distribution; hypothesis testing, including t-tests; analysis of variance; regression and correlation.

3 Credits Dist MT

Comparative Economic Systems — ECON 372

An examination of alternative systems of economic organization. Analysis of the failed command economies of the former Soviet Bloc and discussion of the progress and prospects for reform in Russia, Poland and Hungary. Special attention is given to comparing alternative capitalist systems (US, Sweden, Germany, Japan and South Korea). Issues of concern include market and non-market mechanisms of allocation and distribution, workers' control, economic democracy, centralization and decentralization, and the relation of economic affairs to political and social affairs.

3 Credits

Prerequisites: ECON 101 and 102.

English

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For more information visit umb.edu, keyword search: ***Diagnostic Testing***.

Freshman English I — ENGL 101

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section. Note: English 101 satisfies the first half of the College's freshman writing requirements.

3 Credits

Freshman English II — ENGL 102

Freshman English 102 is a more advanced course in critical reading and writing than 101; it is intended to help students prepare for their upper-level courses and the Writing Proficiency Requirement. Through sequenced assignments, students learn to sustain inquiries on particular themes or issues and to treat subjects from different perspectives, including their own. Through frequent reading and writing assignments, students learn to analyze the structures of essays and arguments so they are able to develop informed responses to them. As in 101, drafting and redrafting are emphasized. One of the course papers will be a researched essay that builds on course themes and issues. Note: English 102 satisfies the second half of the College's freshman writing requirement.

3 Credits

Understanding Literature — ENGL 200

This course offers guided practice in the close reading of three major literary genres-poetry, fiction, and drama-with works to be drawn from various historical periods. (A fourth genre may be added at the instructor's discretion.) The course explores the distinctive features of each genre, along with the concepts and terminology necessary to understand it accurately and communicate about it effectively. Close reading is integrated with aesthetic and evaluative responses to the literary works. A bridge to Literary Studies II (ENGL 300) is provided through focused study of at least one work from a biographical, historical, cultural, or other perspective. This course requires intensive writing.

3 Credits Dist AR

Five British Authors — ENGL 201

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.

3 Credits Dist HU

Six American Authors — ENGL 202

The achievements of American literature in articulating the American mind is illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as William Wells Brown, Kate Chopin, Zora Neale Hurston.

3 Credits Dist HU Div U

Creative Writing: Poetry — ENGL 211

An introduction to the writing of poetry for students who may or may not have had prior experience. Students read poetry as a basis for learning to write it, and class discussion focuses both on assigned readings and on student work. Individual conferences with the instructor are also required.

3 Credits

Creative Writing: Fiction — ENGL 212

An introduction to the writing of fiction for students who may or may not have had prior experience. Students read fiction as a basis for learning to write it, and class discussion focuses both on assigned readings and on student work. Individual conferences with the instructor are also required.

3 Credits

The Art of Fiction — ENGL 273G

Introduction to themes and forms of fiction. Close analytical reading of stories and novels with special attention to an artist's historical and cultural milieu, and to an artist's choices of form (including thematic repetition and variation, narrative point of view, setting, characterization, plot and action, imagery, figurative language, and representations of speech). Emphasis on writing critical and interpretive papers. Please note: Students may receive credit either for this course or for ENGL C204 (The Nature of Literature: Fiction), but not for both. Capabilities addressed: Reading, writing, critical thinking, information technology, oral presentation.

3 Credits

The Art of Life Writing **ENGL 276G**

Introduction to life writing. Close analytical reading of memoirs, personal essays, biographies and autobiographies with special attention to a writer's historical and cultural milieu, and to a writer's choices of form (including narrative points of view, setting, characterization, scene and summary, figurative language, and representations of speech). Please note: Students may receive credit either for this course or for CORE C120 (Controversy), but not for both. This course may count toward the major or minor in English. Capabilities addressed: Critical reading, critical thinking, clear writing, academic self-assessment, collaborative learning, information technology, oral presentation.

3 Credits

Writing for Print and Online Media **ENGL 307**

This is an advanced course where strong writers can gain proficiency in major types of writing for the public, focusing on journalistic stories. Assignments connect to real campus, job, and community events and situations, with the expectation that some writing will be publishable. In conjunction with English 308, this course provides a strong preparation for editors and writers in all settings.

3 Credits

Stage and Page: Drama, 1900-Today **ENGL 328**

A study of 20th century American and British drama, including works in translation by influential playwrights abroad. Attention to themes, forms, styles, staging, and performance. Works by such authors as Ibsen, ONeill, Williams, Miller, Brecht, Beckett, Genet, Hansberry, August Wilson, Kushner, and Hwang.

3 Credits

Narrative in the Novel and Film **ENGL 329**

Emphasizing formal and stylistic renditions of 20th- and 21st-century narrative art, this course focuses on experimental aspects of fiction and film. The storytelling structures of fiction and film are compared through close attention to written texts, visual and graphic media, and critical readings. Materials include fiction by authors such as Woolf, Faulkner, and Coetzee, and films by directors such as Eisenstein, DeSica, and Resnais.

3 Credits

Short Novel **ENGL 337**

Readings in 20th-century short novels by authors such as Tolstoy, Joyce, Conrad, James, Wharton, Hemingway, Steinbeck, Roth, Wright, Hurston, Achebe, C. Johnson, and Oates. Exploration of how the language of analysis and interpretation affects the ways we relate to texts. Attention to differences among genres: short story, the novella or short novel, and novel.

3 Credits

Women and Men in Nineteenth-Century Literature **ENGL 366**

A study of men and women and their relationships in nineteenth century literature, mainly British and American, with special emphasis on the issues of masculine and feminine sexual identity and sexual stereotypes, and the social position of men and women as these are treated in popular culture and in serious literary works.

3 Credits

The Adolescent in Literature **ENGL 371**

An examination of works featuring adolescents as protagonists, with attention to why American literature in particular has celebrated the adolescent (and pre-adolescent) experience. Consideration of assumptions held about adolescence, about authorial intention, about literary analysis, and about education. Authors may include Twain, Salinger, Updike, Eugenides, Angelou, Baldwin, Bambara, Morrison, and Allison.

3 Credits

William Shakespeare's Early Works **ENGL 382**

Shakespeare"s comedies, history plays, and early tragedies largely from the first half of Shakespeare"s career. The course emphasizes critical interpretations of individual plays but it attempts as well to review Shakespeare"s dramatic art in general, theater history and conventions, theory of comedy and theory of tragedy, the language of verse drama, and the development of the history play.

3 Credits

The Renaissance in England **ENGL 402**

Major work of the English Renaissance (early sixteenth through early seventeenth centuries), in poetry and prose. Authors such as Thomas More, Christopher Marlowe, Edmund Spenser, Shakespeare, Ben Jonson, John Donne, and Milton. Reading in Renaissance criticism.

3 Credits

Reading the Gothic: Transatlantic Terrors **ENGL 437**

This course explores how Gothic stories were invented and developed by the transatlantic imagination in the mid 18th century, and surveys their subsequent development through the 20th century. We will address such questions as why readers would be attracted to obviously unreal stories and how these stories test the imaginations ability to make extreme fictions feel real. We will trace the influence of Gothic on other areas of the literary arts, on other artistic fields such as architecture and painting, and even on social developments such as how women were viewed and how other foreign cultures were interpreted. Authors may include Walpole, Brockden Brown, Shelley, Irving, Hawthorne, Poe, Dickens, Stoker, Oates, King.

3 Credits

Environmental, Earth and Ocean Science

The Global Environment **EEOS 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.

3 Credits Dist NS

World Regional Geography **EEOS 102**

An overview of world regions in terms of physical environment, human populations and the relationship between them. Topics with a focus on diversity are discussed from an international viewpoint and center on particular countries.

3 Credits Div 1

Environmental Geology EEOS 115

This course examines geological phenomena that adversely affect the human environment. Among the naturally occurring phenomena are earthquakes, weather, climate, volcanoes, tsunamis, landslides, and subsidence and erosion. Topics also include those geological impacts which are the result of human activities, such as subsidence, flooding, soil degradation, and hazardous material contamination.

3 Credits

Earth's Dynamic Systems EEOS 210

The basic principles of this course are embodied in the rock and hydrologic cycles. It examines the igneous, metamorphic, sedimentary, tectonic, and weathering systems of the rock cycle; and the runoff, glacial, ocean, groundwater, and atmospheric systems of the hydrologic cycle. A laboratory component includes one or more field trips to sites where geological phenomena can be viewed. Course is for majors only.

4 Credits

Prerequisite: EEOS 120 and 121 or permission of instructor.

Weather and Climate EEOS 225

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, episodic storms, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.

3 Credits Dist NS

Prerequisite: 30 credits.

Introduction to Oceanography EEOS 226

The world ocean covers approximately 71% of the Earth surface and 99% of its livable volume. This course explains how the ocean works starting from the histories of ocean explorations and early scientific knowledge of ocean formation, currents and waves, effect of Earth's rotation, coastal and estuarine systems, marine habitats, nutrient-carbon cycle, human impacts and the role of oceans in climate change.

3 Credits Dist NS

Prerequisite: EEOS 120, 121, and 122 or permission of instructor.

Health and Medical Geography EEOS 256

This course will introduce students to health and medical geography as an applied social science, emphasizing the role that place plays in human health and well-being, and updating the notion that geography is merely an inventory of places. Through basic geographic concepts and tools, this course will examine different aspects of health and medicine that underscore the interactions of humans with each other and with their physical and social environments. Topics include: the role that the physical and human environments play in health and medicine; an introduction to basic spatial analysis methods; map interpretation; models of diffusion; spatial aspects of health care delivery, health care policies, as well as environmental settings and resource issues.

3 Credits Dist SB

Introduction to Geographic Information Systems EEOS 281

This course is concerned with computer handling of spatial data. It covers essential elements of a GIS, hardware requirements, GIS software, data acquisition, data structures, spatial databases, methods of data analysis and spatial modeling, and applications of GIS in solving a variety of environmental and economic problems.

4 Credits

Prerequisite: EEOS 120 or 261 or permission of instructor.

GIT Data Collection and Field Methods EEOS 406

This course has 3 components: lecture, lab, and field data collection. The course is conducted at the UMass Boston campus for the first 2 weeks and at the UMass Boston field station on Nantucket for the third and final week. The course covers basic Geographic Information Technologies (GIT) and applications used to research, map, and analyze landward and coastal phenomena.

4 Credits

Prerequisite: Permission of instructor.

Special Topics:
Negative Carbon Footprints Up On the Roof EEOS 480

One way to solve overdependence on energy-driven building materials is to create a system which has a negative energy footprint. This course provides students the opportunity to understand the science along with hands-on application of the latest "green" roof technologies as well install actual "green" roofs with a professor of professional practice out in the field away from the classroom. In lieu of lecture, students will use field work to shape critical thinking, stimulate problem solving, field data collection and laboratory analysis. Highpoints will include trips to commercial roofs built by former students; making and testing your own biochar and installing and testing post-consumer waste stream building materials. Students will be responsible for full participation in the field and completing a final paper based on readings and field experiences over the six week course.

3 Credits

Environmental Studies

The Nature of Environmental Problems ENVSTY 101

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of bio-diversity, and conservation strategies.

3 Credits Dist NS

Environmental Concerns and Chemical Solutions ENVSTY 111L

Human society is constantly facing such environmental issues and problems as ozone depletion, air pollution, acid rain, environmental toxins, and renewable energy resources. This course provides students with a foundation in chemistry that can be used to examine these and other environmental concerns. A combination of lecture and group discussion illustrates the science behind these issues, and helps students develop an unbiased view.

3 Credits Dist NS

Exercise and Health Science

Introduction to Nutrition — EHS 150

This course examines ways in which nutrition promotes health, influences disease, and affects exercise and sports performance. A major goal is to have students better understand the role that nutrition plays in their own health. Participants evaluate popular diets and dietary supplements, examine current nutrient recommendations, and acquire confidence in making sensible nutrition recommendations.

3 Credits

Prerequisite: EHS and NURSNG students only.

Fitness & Wellness — EHS 160

Students completing this course will be able to plan and develop a personal physical fitness plan and learn about physical fitness as it relates to health and well being. Students will also learn to set fitness related goals and articulate the aims and objectives of instruction in various fitness related activities, included but not limited to weight training, aerobic fitness using a number of modes such as walking and jogging, and an introduction to the regulation of healthy body weight. Emphasis will be on analyzing and designing fitness related activities with a consideration of safety issues and articulating carry over skills to aid in increasing the quality of life. This is a fundamental course that introduces students to the basic principles of fitness.

3 Credits

Prerequisite: EHS Students Only.

Prevention and Care of Sport Injuries — EHS 240

This course is designed to assist students in recognizing and providing immediate treatment of the common injuries seen in recreational and competitive sports. Additional topics include pre-participation physicals, protective equipment, emergency first-aid, orthotics, illnesses and disease routinely seen in active individuals, and when to treat and when to refer.

3 Credits

Prerequisite: EHS Students Only.

Physical Activity & Health — EHS 260

The course focuses on better understanding health conditions and how physical activity many impact the prevention or control of these conditions. Health conditions that will be covered include cardiovascular disease, diabetes, obesity, osteoporosis, and cancer. The terms and measures used for large-scale physical activity and fitness studies will be discussed. Emphasis is placed on understanding key epidemiological studies of physical activity and mortality and their contribution to our understanding of physical activity, public health, and different diverse populations. An introduction to methods of assessing physical activity such as pedometer use will be included.

3 Credits

Prerequisite: EHS Students Only.

Statistics for Health Professionals — EHS 280

This course focuses on basic concepts of statistics such as measures of central tendency and variability; concepts of test validity, reliability, and objectivity; and on basic techniques used in inferential statistics. Emphasis will be placed on interpreting scientific peer-reviewed research in the field of exercise and health sciences.

3 Credits

Prerequisite: MATH 114Q or appropriate score on the Math Placement assessment. EHS of College or Nursing Students Only.

Health Fitness Assessment — EHS 300

This course focuses on the evaluation of cardiopulmonary and musculoskeletal fitness in apparently health populations. Coronary artery disease risk factor analysis, body composition assessment, aerobic fitness testing, muscle strength testing and flexibility assessments will be discussed as they relate to an individual's probability for developing a disease and issues in exercise programming.

3 Credits

Prerequisite: EHS 160. EHS Students Only.

Applied Kinesiology — EHS 310

This course presents the qualitative and quantitative analysis of human movement in relation to mechanical effects such as application of force in relation to center of mass, displacement, velocity, acceleration of bodies, and buoyancy. This course also integrates anatomical structure and function into the analysis of human movement. Mechanical and anatomical concepts essential for understanding human movement are integrated throughout the course. We will apply fundamental biomechanical principles to the human musculoskeletal system. Topics include musculoskeletal mechanics, tissue biomechanics, and quantitative analysis of human movement.

3 Credits

Prerequisite: BIOL 207 and 208. EHS Students Only.

Adapted Physical Activity — EHS 320

This course is designed to ensure that EHS students have current information concerning the physical activity needs of individuals with disabilities (and other special populations). Emphasis will be placed on strategies for developing and administering appropriate school and community-based adapted physical activity programs for both children and adults. There will be a focus on understanding the attributes of specific conditions and techniques for modifying activities so all can participate. Critical topics such as assessment, inclusion, disabled sport, and legislation will also be discussed.

3 Credits

Prerequisite: EHS 300. EHS Students Only.

Health Behavior Change EHS 340

Students will explore and apply theoretically based principles and strategies to health behavior modification for the prevention of health problems through the adoption of healthy lifestyles. As an example of health behavior change, primary emphasis will be places on physical activity promotion at the individual level. Examples of other health behaviors as well as group and community level behavior change will also be covered. Emphasis is placed on improving student competency in communication, and theory-based intervention delivery, and counseling skills for assisting others in health behaviors.

3 Credits

Prerequisite: EHS 160. EHS Students Only.

Wellness Coaching Techniques EHS 360

This course seeks to provide in-depth and hands-on experience with evidence-based health behavior change that can be used to help individuals improve healthy lifestyle techniques. The course has particular relevance to exercise specialists, nutritionists, teachers, psychologists and other health-affiliated professionals. Students will work to develop and improve counseling skills by using hands-on experiences.

3 Credits

Prerequisite: EHS 340. EHS Students Only.

Exercise Program Design EHS 370

This course examines the theory and practice of designing exercise programs to improve or maintain cardio respiratory and muscular fitness. Students will study the principles of prescribing safe and effective exercise training programs for apparently health individuals and for persons who have various stable chronic medical conditions such as coronary heart disease, diabetes, hypertension, obesity, osteoarthritis, and osteoporosis. Designing exercise programs for other special populations including youth, older adults and pregnancy will also be studied.

3 Credits

Prerequisite: EHS 300. EHS Students Only.

Research Methods I EHS 460

This course is designed to provide student with a background in quantitative research design to promote an understanding of the scientific literature and to assist in future research pursuits. In this course, students will become familiar with the scientific method, the basic principles of designing descriptive and experimental projects, literature searching, interpretation of research results, and ethical conduct in research. Students will prepare and present a research proposal as part of the course.

3 Credits

Prerequisite: EHS 260 and EHS 280. EHS Students Only.

French

Intensive Elementary French FRENCH 100

Intensive elementary work in the four language skills, with concentration on an audio-lingual approach, for students with no previous training in French. Students completing this course satisfactorily will be allowed to enter directly into courses at the intermediate level. Equivalent to one year of elementary French

8 Credits Dist WL

Elementary French I FRENCH 101

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.

4 Credits Dist WL

Elementary French II FRENCH 102

A continuation of FRENCH 101. Concentrated practice in the four language skills, with an audio-lingual approach, for students who have completed FRENCH 101 or its equivalent. Continued attention to French and francophone culture. Weekly laboratory attendance and assignments required.

4 Credits Dist WL

Intermediate French I FRENCH 201

This course seeks to help students attain the level of intermediate competence in speaking, listening, reading, and writing, through imaginative and personalized activities that are relevant to student interests. These activities include an introduction to the culture and literature of the French-speaking world. Weekly laboratory attendance and assignments required.

4 Credits Dist WL

Intermediate French II FRENCH 202

This course seeks to build on the level of achievement reached in FRENCH 201. Participants study a variety of literary and cultural texts as models of written expression. Weekly laboratory attendance and assignments required.

4 Credits Dist WL

Gerontology

CERTIFICATE PROGRAM

Frank J. Manning Certificate in Gerontology

Certificate in Gerontological Social Policy

uc.umb.edu/certificates/

For more information, see pages 84-88.

Demographics and Economics of Aging **GERCTR 220**

This course seeks to provide students with the ability to obtain and utilize information about the demographic and economic status of the elderly in the United States and abroad and to examine the impact of these factors on their quality of life. Students will also learn about the aging network and the major health and social welfare programs and services for the aged.

3 Credits

Legislative Process and the Elderly **GERCTR 240**

Legislative bodies and administrative agencies, through power and process, can have a profound impact on issues in the policymaking arenas. In order to advocate effectively, it is important to understand the state legislative process and to engage in strategic planning to influence the decision makers.

3 Credits

History

Introduction to Historical Thinking and Analysis **HIST 101**

This course is designed to introduce students to the discipline of history, to the way in which primary sources are used to assemble historical narratives and explanations. The course introduces the student to the basic skills of historical thought and analysis, how to read and understand sources, to weigh evidence, evaluate it and place it in a larger context, and to explain why and how past events happened. Each section of the class will be focused upon a particular person, event or theme that will allow students to examine primary and secondary sources and to use the former to evaluate the latter as a means to developing the skills appropriate to a beginning student of history.

3 Credits

Africa in the Twentieth Century **HIST 153**

This course focuses on major themes in the history of Africa since 1900. These include the establishment of colonial rule and colonial administrative practices, colonial economies, African nationalism and decolonization, South Africa and the politics of apartheid, and post-colonial Africa from a global perspecive.

3 Credits Div I

Foundations of Western Civilization **HIST 211**

A survey of European history from the golden age of Greece in the 5th century BCE to 1715, laying particular stress on politics, culture and religion. Major topics examined will include the culture of ancient Greece; the rise of Rome and the ideology of the Roman Empire; the early development of Christianity and its impact on the ancient world; the evolution of new political forms in the Middle Ages; medieval Christianity; the impact of Renaissance efforts to revive Greek and Roman civilization; the Protestant Reformation and Catholic responses to it; and the scientific and intellectual culture of the seventeenth century. In addition to broad coverage the course will devote attention to critical examination of a selection of key historical texts.

3 Credits Dist HU

Modern Western Civilization **HIST 212**

This course traces the history of Western Civilization from the enlightenment of the 18th century up to the transformations that took place in the 1990s. It is a history of revolutions and wars, ideologies and institutions. It is also a history of people, the lives they led and the decisions they made. In this period, Western European nations, and a former colony, the United States, became the dominant powers in the world. During the last three centuries, Western Civilization has influenced the lives of all people whether they lived in the west or in other parts of the world. By studying western civilization we therefore come to understand a great deal about our present day world and the lives we lead.

3 Credits Dist HU

World History to 1800 **HIST 213**

This course considers the ways that disparate parts of the world were interconnected and interdependent before the modern era. Through studies of the growth of civilizations across the continents, the rise of world religions, the development and later transformations of the silk roads, and the early modern colonial projects of Europe, student swill have opportunities to consider how religion, language, empire, and trade created common spaces for peoples from diverse regions of the world. Topics range from early urbanization in Egypt and Mexico, to the Islamic empire, the Asian world system. Europes shift from periphery to core, the civilizations of the Americas, and the rise of the African slave trade in the trans-Atlantic context.

3 Credits

Modern World History **HIST 214**

This course offers an examination fo the processes of modernization and globalization since the late eighteenth century; their connections to imperialism, colonialism, and war; and their relationships to changing perceptions of society, politics, economics, gender, and culture in different regions of the world.

3 Credits Dist SB Div I

American History before 1877 HIST 265

Beginning with the history of North America prior to the voyages of Columbus, History 265 examines the impact of Europeans upon indigenous peoples, and studies the evolution of colonial settlements in British North America. It covers the causes and consequences of the American Revolution, the subsequent development of democratic political and social institutions, the emergence of transportation, market and industrial revolutions and the coming of the sectional conflict and Civil War.

3 Credits Dist HU

American History since 1877 HIST 266

History 266 begins in the aftermath of the Civil War and Reconstruction and examines the nature and impact of urbanization, immigration, and industrialization. The course then examines the growth of American imperialism and the nation's rise to world power status. It also focuses on cycles of economic change, including the Great Depression and the enormous expansion of the middle class after World War II. The course will also examine the Cold War in both its worldwide impact, such as wars in Korea and Vietnam, and on the domestic front. Finally, the course examines the transformation of society and culture in the second half of the Twentieth Century.

3 Credits Dist HU

The Mediaeval Mind HIST 309

Through literary, philosophical, and religious masterpieces from the period, this interdisciplinary seminar probes the culture which created the modern West and considers the differences between its modes of thought and moral values and ours.

3 Credits

Nineteenth Century Europe HIST 313

A political, social and cultural history of Europe from 1815 to 1900, including the history of each major European nation.

3 Credits

History of the Mediterranean HIST 319

The Mediterranean is a "global player" that has made the peoples of Europe, the Middle East, and North Africa participate in a common path since antiquity. The course analyzes the history of the Mediterranean and the extraordinary interactions between multiple and rich cultural, ethnic and religious backgrounds. From the time of the Greek city-states to the Roman Empire, the Italian Renaissance, the Ottoman Empire and the new scenarios of the 20th century, this course will explore the economy, politics, and religion of three continents developing a unique exchange.

3 Credits

Prerequisite: ENGL 102.

Modern Irish History from 1800 to present HIST 339

This course examines the forces and movements in the development of Irish nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.

3 Credits

War in the Twentieth Century HIST 358

A study of military plans, strategy and weapons employed in twentieth century wars, and their consequences on the battlefield, together with their larger impact on the societies involved. Emphasis on the two world wars and the Vietnam War. The course concludes with a review of current military plans and weapons systems of the world powers in the perspective of military history since 1914.

3 Credits

Women in Modern China HIST 359L

This course examines the social and cultural roles of Chinese women, and their changes over time. Emphasis is given to twentieth-century China, especially the People's Republic period.

3 Credits Dist WC Div I

Modern Japan HIST 363L

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.

3 Credits Div I

Honors Program

For more information about Honors course enrollment, please contact the department at 617.287.5520.

Special Topics: Digital Media and Literature HONORS 290

This course will explore creative copying and using in new ways, things like mash-ups, remix, collages and photoshop memes (like the pepper-spray cop). We'll look at the way artists of all kinds take and use other people's work, both legitimately and not legitimately, to create new works. We'll read literature and view art and films and think about how revolutionary artistic practices have defined our contemporary culture. We'll also think about how new media changes art: Twitter haiku, for example, or Facebook novels. We'll think critically about artistic legitimacy: what does it mean to use other people's work in your own? What's the difference, for example, between parody and plagiarism? This is a reading and production course, meaning that our discussions and readings will inform our own creative practices. We'll play with many of the forms we discuss and experiment with creating our own works, leading up to a final creative project. We'll meet to discuss readings and viewings twice a week, and twice a week have creative "lab" time, screenings, or online class meetings.

3 Credits

Prerequisite: Permission of department required (617.287.5520).

Special Topics:
Toward Access and Opportunity: American Higher Education from WWII to the Present **HONORS 290**

Student protest movements, affording a college education (or not), who gets to go and who doesn't, admission standards and more! These are all issues with a broader social, cultural, historical, political and economic context. Come explore the history of American higher education since WWII and discuss the recent evolution of colleges and universities as well as many current hot topics.

Some specific topics will include a review of major societal changes and their influence on the increased democratization of higher education such as the impact of the GI Bill, the civil rights movement, the women's movement, student activism, and changes in public policy. Using both primary and secondary sources, we will discuss these topics as well as relevant court rulings, state and federal legislation, and various institutional histories. Additionally, the origins of UMass Boston will be explored within this post-WWII context and students will consider its place within the broader history of the American higher education system. Finally, we will review current trends and debates taking place in higher education such as service learning/civic engagement, on-line learning, the role of for-profit higher education institutions, funding of higher education and current public policy proposals.

3 Credits

Prerequisite: Permission of department required (617.287.5520)

Information Technology

Introduction to Java **IT 114L**

An introductory course in Java programming that exposes students to the concepts involved in using a higher-level, object-oriented programming language. The course will explain the program development process and give students lots of hands-on experience writing small Java programs. The course serves as a prerequisite to other IT courses.

3 Credits Dist MT

Introduction to Java Part 2 **IT 115L**

A second course in Java programming that exposes students to the concepts involved in using a higher-level, object-oriented programming language. This course, a continuation of CS 114, covers more advanced Java topics and gives students hands-on experience writing small and medium-size Java programs. This course and CS 110 may not both be taken for credit.

3 Credits Dist MT

Intermediate Computing with Data Structures **IT 210L**

The design and implementation of computer programs in a high-level language, with emphasis on proper design principles and advanced programming concepts, including dynamic data structures and recursion. The assignments are designed to introduce the student to a variety of topics in computing: data structures and ADTs, Lists, Stacks, Queues, Ordered Lists, Binary Trees, and searching and sorting techniques. The language of instruction is Java.

4 Credits Dist MT

Web Fluency **IT 240**

This course develop an in-depth understanding of how the web works from a technical standpoint, meaning how dynamic pages are created and delivered by web servers, and then used by browsers and other clients. Students demonstrate this understanding by achieving competency by using a current integrated development environment (IDE) to develop web applications.

3 Credits

Italian

Elementary Italian I **ITAL 101**

For students who have no creditable training in Italian; intensive practice in the four language skills, with an audio-lingual approach. Weekly laboratory attendance and assignments required.

4 Credits Dist WL

Elementary Italian II **ITAL 102**

The continuation of ITAL 101.

4 Credits Dist WL

Japanese

Elementary Japanese I **JAPAN 101**

This course is intended for absolute beginners (those who have never studied Japanese) and those who have some background in Japanese, but would like to start afresh. We will focus on some elements of grammar including present and past tenses, hiragana and katakana writing systems, and fixed phrases, Students also learn about 30 kanji (Chinese characters). All four language skills (speaking, listening, reading, and writing) will be covered.

4 Credits Dist WL

Elementary Japanese II **JAPAN 102**

This course is a continuation of JAPAN 101, and assumes the knowledge of Japanese covered in it. Students who studied Japanese elsewhere and wish to take the course need to demonstrate a similar level of competency. All four language skills (listening, speaking, reading, and writing) will be covered. In addition to new elements of grammar, students will learn about 50 new kanji.

4 Credits Dist WL

Latin

Fundamentals of Latin I LATIN 101

Designed to complete a standard basic textbook with Latin 102.

3 Credits Dist WL

Intensive Elementary Latin LATIN 115

An intensive course aimed at developing reading skills in Latin. This course covers a year's worth in one semester. Open to students with no previous training in Latin.

6 Credits Dist WL

Caesar LATIN 302

Reading in the works of Caesar; background and scholarship.

3 Credits Dist WL

Lucretius LATIN 309

Reading On the Nature of Things; background and scholarship.

3 Credits Dist WL

Linguistics

Elementary American Sign Language I LING 151

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.

3 Credits

Elementary American Sign Language II LING 152

A continuation of LING 151 with emphasis on receptive and expressive skills. Note: LING 152 may be used as a distribution course only after successful completion of LING 153.

3 Credits Dist WL

Elementary American Sign Language III LING 153

This course provides an intensive review of introductory ASL, followed by further study of grammar and language skills, correlated with advanced elementary level reading related to Deaf culture.

3 Credits Dist WL

Management

Please refer to eligibility information on page 102 before enrolling in College of Management courses.

Managing Organizations MGT 303

Examines theory, research, and practice in the management of organizations. Students learn to make use of analytical tools for recognizing diagnosing, and acting on managerial problems related to organizations to their objectives, and to the development of human resources. The course emphasizes at the macro level, such as organizational analysis and design, and at the micro level, such as managerial behavior motivation, and interpersonal relations.

3 Credits

Prerequisite: BC 290 (or ACM 299) or appropriate score on CMWA and a minimum of 60 credits and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146. This class is open to MGT majors only.

Business Environments and Public Policy MGT 330

Examines the interaction of business and government in the contemporary public policy process in the United States. The course helps students become familiar with the private sector's effect on the public sector as well as the public's effect on the private. It also examines how government promotes, regulates, and competes with private enterprise.

3 Credits

Prerequisite: BC 290 (or ACM 299) or appropriate score on CMWA and a minimum of 60 credits and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146. This class is open to MGT majors only.

Managerial Ethics and Social Issues MGT 331

Examines the kinds of ethical principles (e.g. justice, equality, rights and obligations, and the public interest) generally offered in justification of ethical judgments. Students learn to apply these principles to the social and economic issues that managers face, such as pollution, safety, discrimination, and fiduciary and product responsibilities. The course includes a research paper on an ethical problem in management.

3 Credits

Prerequisite: MGT 303, pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146 and a minimum of 60 credits. MGT majors only.

Management Practices — MGT 421

Focuses on concepts and the skills of leadership and teamwork. Leadership skills are developed alongside understanding the skills and strategies to motivate others, manage conflict, communicate strategies, delegate authority and build effective teams through role plays, team projects and the analysis of films. These are job-relevant skills that entry-level and middle-level managers need to acquire if they are to meet the challenges posed by problems in their work are dealing with people. The course focuses, for example, on creating an effective team; how a manager can effectively chair a committee or lead a project team; on short and long term strategies for acquiring and using power. The course focuses on skill acquisition and practice as well as understanding conceptual material. Required readings are used to further the understanding of concepts introduced in MGT 303 and to facilitate skill practice.

3 Credits

Prerequisite: MGT 303 and a minimum of 60 credits. MGT majors only.

Managing Global Environment — MGT 434

This course is designed to familiarize students with the world of international business. It introduces students to the special problems and issues firms encounter by virtue of operations abroad. It focuses on such concerns as relationships with host governments, and the complexities of planning, communicating, and controlling in the international arena.

3 Credits

Prerequisite: MGT 303 and a minimum of 60 credits. MGT majors only.

Management Internship — MGT 480

Provides students with opportunities for full- or part-time work experience in a management setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 Credits

Prerequisites: 75 credits, 2.5 minimum GPA, completion of at least one concentration course, completion of at least 21 credits in the Management Core and Foundation courses. Department permission required through the CM Undergraduate Program Office.

MGT students only.

Strategic Management — MGT 490

Focuses on the organization as a whole from a perspective that takes into account both the role of top management and the future of the organization. The course is designed to be the capstone course in the student's College of Management curriculum. It develops an approach for identifying the mission of the organization, exploring its external environment for opportunities and risks, and relating these to internal strengths and weaknesses. This course is required of all College of Management students.

3 Credits

Prerequisite: AF 301and MGT 303, 330, MKT 301, MSIS 301, MGT 331 (pre-req or co-req), a minimum of 60 credits and completion of at least 75% of MAP Miles. MGT majors only. Permission of department required (617.287.7850).

Management Science and Information Systems

Please refer to eligibility information on page 102 before enrolling in College of Management courses.

Introduction to Information Systems — MSIS 105

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics include overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology. This course cannot be counted toward the management information systems or management science concentration in the College of Management.

3 Credits

Introduction to Computers and Information Systems — MSIS 110

Introduces systems thinking principles, computers, information systems, and their use in business decision making. Topics include management information systems concepts and components, issues involving information management, productivity software tools. The course offers an extensive hands-on component in the use of state-of-the-art technology.

3 Credits

Managerial Statistics — MSIS 111L

Provides the student with the basic statistical techniques needed for business decision making in areas such as operations management, quality improvement, marketing research, finance, and general management. The course examines collection and presentation of data, frequency distributions, basic probability, statistical inference, and regression. Students use statistical software for data presentation and analysis.

3 Credits

Prerequisite: MATH 129. MGT students only. Corequisite: MSIS 110.

Introduction to Information Security — MSIS 123

This course will present an overview of the threats to your information technology infrastructure and intellectual property, with an emphasis on the detection and prevention of intrusions or theft. The protection of services such as the World Wide Web, file sharing, and e-mail will be analyzed. The vulnerabilities and hardening of major operating systems such as Linux and Microsoft's Windows will be discussed. The course takes a holistic approach, discussing the technical but focusing on the need for proper training and procedures in the maintenance of an effective yet secure information technology infrastructure. While the material of the course is technical in nature, no systems administration or software development experience is assumed. A good familiarity with the use of the Internet and computers is required, and some knowledge of TCP/IP would be helpful.

3 Credits

Managerial Decision Making **MSIS 212**

Provides the student with knowledge of more advanced decision making tools building upon the skills developed in MSIS 110 and MSIS 111. The emphasis of this course is on using management information systems and quantitative analysis tools to improve the quality of managerial decision making. Topics include decision theory and analysis, optimization, simulation, and forecasting. Students use advanced functions in spreadsheet packages and decision support software for analysis of practically oriented problems in various management setting.

3 Credits

Prerequisite: MSIS 110 and one of the following: MSIS 111, MATH 125, ECON 205, PSYCH 270, SOCIOL 350. MGT majors only.

Systems Security **MSIS 223**

An overview of information systems security, with applications. Topics addressed include a mix of Access Control Systems and Methodology, Telecommunications and Networking Security, Security Management Practices, Application and Systems Development Security, Cryptography, Security Architecture and Models, Operations Security, Business Continuity and Disaster Recovery Planning, Systems Security Law and Ethics, and Physical Systems Security.

3 Credits

Operations Management **MSIS 301**

Introduces the student to the concepts and techniques used by organizations to support their fundamental task of producing goods and services. This course includes a balanced view of the manufacture of tangible goods and the production of less-tangible services. Topics covered include product and process strategy, quality management, production planning for manufacturing and for service organizations, and inventory management. The course also includes an examination of the interactions of operations management, quantitative decision making techniques, and information technology. Students use management science techniques and software to examine a wide variety of operations management problems.

3 Credts

Prerequisite: MSIS 110 and 111 (or approved substitutes), pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146 and a minimum of 60 credits. MGT students only.

e-Business and e-Commerce Infrastructure **MSIS 426**

e-Business and e-Commerce are essential parts of doing business today. Electronic Business is the use of computer-mediated networks for any process conducted by an organization (for-profit or otherwise). Electronic Commerce refers to e-Business processes that involve the transfer of ownership or rights for goods or services. Through lectures, case analyses and lab exercises, students will experience the technologies allowing alignment of Web with business priorities. Topics include development of e-Commerce Web sites, implemented through packaged solutions or their creation, using markup languages such as HTML and XML, scripting languages, database, security, and online payment technologies.

3 Credits

Internship **MSIS 480**

Provides students with opportunities for full- or part-time work experience in a management science and information systems setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 credits

Prerequisite: a minimum of 60 credits. MGT students only. Permission of department required (617.287.7880).

Marketing

Please refer to eligibility information on page 102 before enrolling in College of Management courses.

Principles of Marketing **MKT 301**

Develops students' understanding of marketing principles underlying the selection and assessment of markets, and the development and delivery of products and services.

3 Credits

Prerequisite: BC 290 (or ACM 299) or appropriate score on CMWA and a minimum of 60 credits and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146. This class is open to MGT majors only.

Data Analysis for Marketing Management **MKT 310**

Familiarizes students with data analysis techniques for marketing decision making. Emphasis is given to secondary data and secondary data processing. The course makes extensive use of computers and commercial software: word processing and graphics programs, spreadsheets, and statistical analysis packages containing data description, bivariate and multivariate models. It also emphasizes report writing and oral presentation skills.

3 Credits

Prerequisite: MKT 301 and MSIS 111 (or approved substitutes), pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146 and a minimum of 60 credits. MGT majors only.

Retailing in the Internet Age **MKT 404**

Retailing goods and services to consumers has always taken a wide variety of forms, from the single-unit entrepreneurial enterprise to the shopping mall to the regional or national chain. In recent years shopping on the Internet has been added to the options available to the retail customer. This course covers all aspects of traditional retail marketing from site selection to merchandising policies to evaluation of effectiveness. It pays special attention to the new techniques and strategies required for business to consumer e-commerce and to the challenges presented by the need to integrate e-tailing into existing retail businesses.

3 Credits

Prerequisite: MKT 301 and a minimum of 60 credits. This course is open to MGT majors only.

Marketing Internship **MKT 480**

Provides students with opportunities for full- or part-time work experience in a marketing setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 Credits

Prerequisite: Permission of department required (617.287.7850).

Mathematics - Academic Skills

Math Skills with ALEKS

For anyone preparing for college level mathematics courses (Math Q114, Quantitative Reasoning, or Math 115, College Algebra), this course will minimize the time and cost to you in achieving your goal, whether you are learning the material for the first time or refreshing underused math skills. Class meets daily in a lab which utilizes the computer aided, web-based math instruction program named ALEKS. This program provides an assement of a student's math skills, generating an individualized learning plan based on the data. In class, mathematics faculty are always present to assist students and to offer additional help understanding concepts. Being web-based, ALEKS allows students to continue their work anywhere there is a computer with an Internet browser.

Register for whichever Math Skills course (see list below) is indicated by your Math Placement Test results.

Pre-Algebra Mathematics — MATHSK 097

This course aims to overcome students' fears of mathematics. It builds self-confidence through successful mathematics skill development and problem solving. It lays a mathematical foundation for the study of algebra and exposes students to the kinds of quantitative reasoning encountered in the social and physical sciences. Topics include whole numbers; fractions; decimals; percents; signed numbers; graphing; dimensional analysis; English and metric measurement; perimeter, area, and volume; mean, median, and mode; simple interest; and formulas.

3 Credits

Fundamentals of Algebra — MATHSK 098

A course for students who never studied algebra in high school, or who studied it long ago or ineffectively. Introduction to algebraic notation and concepts so that students will be successful in math, and in introductory physical and social science courses. Development of successful study and test-taking techniques. Algebraic expressions-simplification, combination, and evaluation; linear equations-solving, graphing, and using them to solve word problems; exponents; scientific notation; and proportions.

3 Credits

Intermediate Algebra — MATHSK 099

For students with a weak math background who want to develop skills for further work in mathematics or science courses. Covers basic high school mathematics. Topics include multiplying and factoring polynomials, linear equations and straight lines, fractional exponents and radicals, ratios of polynomials, quadratic parabolas, systems of simultaneous linear equations, and word problems. Generally limited to students with fewer than 3 years of high school math preparation.

3 Credits

Mathematics

Quantitative Reasoning — MATH 114QR

This course covers the basic algebra and technological tools used in the social, physical and life sciences to analyze quantitative information. The emphasis is on real world, open-ended problems that involve reading, writing, calculating, synthesizing, and clearly reporting results. Topics include descriptive statistics, linear, and exponential models. Technology used in the course includes computers (spreadsheets, Internet) and graphing calculators.

3 Credits

College Algebra — MATH 115

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking MATH 129 or MATH 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.

3 Credits

Introductory Statistics — MATH 125

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.

3 Credits Dist MT

Pre-Calculus for Management and Social Science Students — MATH 129

This course teaches the algebraic and conceptual skills students need to master before they are ready for MATH 134 or MATH 135. The major part of the course then involves the application of linear, quadratic, and exponential models to problems in management and economics.

3 Credits Dist MT

Precalculus — MATH 130

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, and the trigonometric functions and their inverses. Note: No student receives graduation credits for MATH 130 if it is taken after successful completion of any higher math course. Students who have successfully completed MATH 130 may not subsequently take MATH 129 for credit. Students may take MATH 130 after MATH 129 only with explicit permission of the department, and then only for two credits.

3 Credits Dist MT

Managerial Calculus — MATH 134

A one-semester course in calculus, with particular emphasis on applications to economics and management. Topics covered include limits, continuity, derivatives, and integrals. Students may not receive graduation credit for both MATH 134 and MATH 135. Students may take MATH 140 after MATH 134, but only with the explicit permission of the department and then only for two credits.

3 Credits Dist MT

Calculus I **MATH 140**

The first in the sequence of calculus courses for science and math majors. Starts with the basic concepts of functions and limits. Topics covered include: derivatives and their applications, definite and indefinite integrals with applications to geometric and physical problems, and discussion of algebraic and transcendental functions.

4 Credits Dist MT

Calculus II **MATH 141**

Continuation of MATH 140. Topics include transcendental functions, techniques of integration, applications of the integral, improper integrals, lHospitals rule, sequences, and series. Please note: Because MATH 141 is the second part of the integrated calculus sequence, it should be taken as soon as possible after MATH 140.

4 Credits Dist MT

Multivariable Calculus **MATH 240**

Differential and integral calculus of functions of several variables. Topics include Euclidean, polar, cylindrical, and spherical coordinates; dot product, cross-product, equations of lines and planes; continuity, partial derivatives, directional, gradient; optimization in several variables; multiple integrals, integrated integrals, change of coordinates, Jacobians, general substitution rule. Please note: Because MATH 240 is the third part of the calculus sequence, it should be taken as soon as possible after MATH 141. Not student receives graduation credit for MATH 240 if it is taken after successfully completion of MATH 242. Students may take MATH 242 after MATH 240 only with explicit permission of the Department, and then only for one credit.

3 Credits

Multivariable and Vector Calculus **MATH 242**

Differential and integral calculus of functions of several variables and of vector fields. Topics include Euclidean, polar, cylindrical, and spherical coordinates; dot product, cross-product, equations of lines and planes; continuity, partial derivatives, directional derivatives, optimization in several variables; multiple integrals, iterated integrals, change of coordinates, Jacobians, general substitution rule; curves and surfaces, parametrizations, line integrals, surface integrals; gradient, circulation, flux divergence; conservative, solenoidal vector fields; scalar, vector potential; Green, Gauss, and Stokes theorems. Please note: Because MATH 242 is the final part of a three-semester calculus sequence, it should be taken as soon as possible after MATH 141.

4 Credits

Linear Algebra I **MATH 260**

Elementary theory of vector spaces. Topics include linear independence, bases, dimension, linear maps and matrices, determinants, orthogonality, eigenvalues and eigenvectors.

3 Credits

Applied Ordinary Differential Equations **MATH 310**

A comprehensive study of the nature of ordinary differential equations. The course includes qualitative analysis of properties of solutions, as well as standard methods for finding explicit solutions to important classes of differential equations. It presents many applications, particularly for linear equations.

3 Credits

Applied Discrete Mathematics **MATH 320L**

An introduction to the mathematical structures and concepts used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory. Formal and informal theories and corresponding mathematical proofs are taught.

3 Credits

Probability and Statistics I **MATH 345**

This course presents the mathematical laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal. Topics also include basic ideas and techniques of statistical analysis.

3 Credits

Music

An Introduction to Music **MUSIC 111**

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.

3 Credits Dist AR

World Music **MUSIC 115**

An introduction to the musical traditions of countries throughout the world, embracing the role of music in society, ritual, and culture. Traditional vocal and instrumental styles of folk and traditional music are illustrated through audio and visual materials.

3 Credits Dist AR Div I

Applied Music **MUSIC 185**

Private, individualized study of voice and all instruments covering both performing techniques and musicianship. Open to all students upon payment of an additional fee. Twelve hour or half-hour lessons per semester. May be repeated for credit. Students must contact the Music Department at 617.287.6980 to register for lessons.

1 Credit

American Music **MUSIC 241**

The growth and development of American music in both its rural-folk and urban aspects.

3 Credits Dist AR Div U

Universe of Music — MUSIC 248

An introduction to the infinite universe of music from its origins to the present, this course investigates the role of instruments, culture, myth and science in the evolution of music. Illustrations through the medium of the World Wide Web present the concept of music as both communication of ideas and expression of feelings in diverse musical traditions of the world.

3 Credits Dist AR Div I

African-American Music — MUSIC 252

An examination of African-American music (black music) from its African origins to contemporary black musical expression, including work songs, spirituals, minstrelsy, blues, rhythm and blues, and gospel.

3 Credits Dist AR Div N

American Music in Wartime — MUSIC 258

The history of the United States goes back only 255 years, yet in that relatively short amount of time the country has been involved in no fewer than ten wars. This course is a survey course examining American wartime composers, their lives, their works, and the events surrounding the composition of patriotic works.

3 Credits Dist AR

Music of Latin America — MUSIC 268

This course is an introductory online course dealing with the diverse musical traditions of Latin America, including the role of music in society, ritual, and culture. The result is a comparative study of styles, dances, and instruments, with a certain emphasis given to the development of critical listening skills. Students need access to a computer with Internet sound capabilities.
Course subject matter is generally limited to music that has surfaced and developed in Latin America and not as it has developed in the continental United States. Readings will be supplemented by various links as well as the Latin American audio selections available from the Naxos catalogue.

3 Credits Dist AR Div I

Nursing

Introduction to Professional Nursing - Accelerated Track Option — NURSNG 350

This introductory course of the accelerated option in the undergraduate pre-licensure nursing program focuses on core concepts of professional nursing practice, including human beings, environment, health, and nursing. Historical, theoretical, and professional membership perspectives are emphasized. Important health care competencies and concepts, including patient-centered care, teamwork and collaboration, safety, quality improvement, evidence-based practice, and informatics are established. Historical, theoretical, and professional membership perspectives are emphasized.

3 Credits

Pathophysiology and Pharmacology in Nursing - Accelerated Track Option — NURSNG 353

This combined, accelerated course will examine alterations in the normal physiology of body structures, as well as principles of pharmacodynamics, biochemistry and pharmacokinetics across the lifespan. The relationships among evidence-based nursing practice and many variables impacting pathophysiology and pharmacology, such as culture, genetics, religion, gender, lifestyle, economics, and age, will also be explored.

4 Credits

Professional Issues in Nursing for RNs — NURSNG 360

This introductory course of the online RN-BS nursing program focuses on core concepts of professional nursing practice including human beings, environment, health, and nursing. This course meets the University Intermediate Seminar requirements. Students will increase their critical thinking, reading, and writing skills while addressing the key issues facing nursing. Important health care competencies and concepts, including patient-centered care, teamwork and collaboration, safety, quality improvement, evidence-based practice, and informatics, are established. Historical, theoretical, and professional membership perspectives are emphasized.

6 Credits

Prerequisite: RN- BSN students only.

Health Assessment and Promotion — NURSNG 361

This course focuses on health assessment in professional nursing practice, health promotion, and disease prevention across the lifespan. This course emphasizes clinical decision-making and communication of comprehensive assessment. Students will refine their written, oral, and information technology skills in health assessment. Cultural, spiritual, and family assessments from multiple theoretical perspectives are considered. Students will explore issues of genetics, health literacy, patient assessments in chronic illness, and health issues with particular attention to healthcare issues of elders.

6 Credits

Prerequisite: NURSNG 360. RN-BSN students only.

Research and Evidence-based Practice — NURSNG 362

This course focuses on understanding the conceptual, theoretical, and empirical components of research. The student is prepared to evaluate reports of nursing research for evidence-based nursing practice. Students will assess websites and peer-reviewed journals, as sources of evidence, and as sources of action plans to promote EBP. Students will evaluate evidence for clinical practice, and apply scientific findings to treat specific patient problems.

6 Credits

Prerequisite: NURSNG 361 and statistics (MATH 125, EHS 280, ECON 205, PSYCH 205). RN-BSN students only.

Leadership and Professional Practice - Accelerated Option NURSNG 456

This accelerated course focuses on leadership development for entry-level professional nursing practice. Inter-professional communication, conflict resolution, delegation, and change processes are explored. Building cultures of quality and safety and teamwork in complex health care systems are also addressed. Professional career development, practice regulations, and preparation for licensure are specifically highlighted.

3 Credits

Prerequisite: NURSING students only.

Community Health for Registered Nurses NURSNG 461

This course presents clinical prevention interventions for health promotion and disease prevention. Population-focused care emphasizing community assessments and interventions and culturally sensitive care in urban settings provides a focus. Advocating for social and environmental justice while protecting vulnerable populations in disasters is also explored. Students are required to participate in a service-learning project during the semester.

6 Credits

Prerequisite: NURSNG 360 and 362, completion of WPE. RN-BSN students only. Permission of department required (617.287.7524)

Legal, Ethical and Health Policy and Capstone for RNs NURSNG 462

This course integrates ethical, legal, and health policy issues in contemporary nursing. The major ethical principles, several ethical theories and conceptual frameworks, as well as, ethical decision-making models are reviewed. The ANA Code of Ethics with interpretive statements are analyzed in relation to individual practice settings and the nursing profession. Legal implications related to providing nursing care, particularly examples of malpractice, how a bill becomes law, and the legislative process are discussed. Students develop a position paper in memo format on a health policy issue including integration of relevant ethical, legal, legislative and economic implications. Students are responsible for a capstone paper that presents analysis of individual case studies from the students professional clinical experience integrating concepts of ethical reasoning, policy formation, and legal processes.

6 Credits

Prerequisite: NURSNG 360, 361, 362 and 461.
RN-BSN students only. Permission of department required (617.287.7524)

Philosophy

Introduction to Philosophy PHIL 100

An introductory examination of the problems and scope of philosophy.

3 Credits Dist HU

Moral and Social Problems PHIL 108

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.

3 Credits Dist HU Div U

Introduction to Logic PHIL 120

The study of valid reasoning using formal methods of proof with truth functions, deductions, and quantifiers. Analysis of the logical structure of language related to philosophical questions of truth, paradox, and reference.

3 Credits Dist MT

Environmental Ethics PHIL 220

An examination of humanity's place in the natural world and its implications for ethics. Topics include the environmental crisis and the need for a new environmental ethic, the ethical dimensions of environmental policy issues, human-centered ethics, obligations to future generations, the intrinsic value of the natural world, animal rights, wilderness, and preservation of species.

3 Credits Dist HU

Moral Issues in Medicine PHIL 222

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self help, right to health care or to refuse treatment. Social and political questions of health care organization.

3 Credits Dist HU

Social and Political Philosophy PHIL 380

Representative problems and themes of social and political philosophy, especially the concepts of human rights, liberty, justice, equality, law, social obligation and the social contract. These topics are explored through the work of classical and contemporary political and social philosophers.

3 Credits

Physics

College Physics I **PHYSIC 107**

Non-calculus introductory physics for life-science students and others with a program requirement for a year of physics at this level. Topics include mechanics, fluids, wave motion, kinetic theory of gases, temperature and heat. Students who need or want laboratory work in physics should enroll concurrently in PHYSIC 181. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

3 Credits

Prerequisite: MATH 130 or equivalent Placement Test scores or permission of instructor.

College Physics II **PHYSIC 108**

A continuation of PHYSIC 107. Topics include thermodynamics, electricity, and magnetism; optics; and a preview of modern physics. Students who need or want laboratory work in physics should enroll concurrently in PHYSIC 182. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

3 Credits

Prerequisite: PHYSIC 107 or permission of instructor.

Fundamentals of Physics I **PHYSIC 113**

The first semester of calculus-level introductory physics. Topics include mechanics, fluids, waves, kinetic theory, and heat. Students who need or want laboratory work in physics should enroll concurrently in PHYSIC 181. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

4 Credits Dist NS

Corequisite: MATH 140 and, for PHYSICS majors PHYSIC 181.

Fundamentals of Physics II **PHYSIC 114**

The second semester of calculus-level introductory physics. Topics include thermodynamics, electricity and magnetism, geometrical and wave optics. Students who need or want laboratory work in Physics should enroll concurrently in PHYSIC 182. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

4 Credits Dist NS

Prerequisite: PHYSIC 113 or permission of instructor.
Corequisite: MATH 141 and for PHYSICS majors PHYSIC 182.

Physics Laboratory I **PHYSIC 181**

Exploration of basic physical phenomena through laboratory work. Experiments in kinematics, mechanics and hydrostatics. This course is designed to accompany either level of introductory physics.

2 Credits

Corequisite: PHYSIC 107 or 113.

Physics Laboratory II **PHYSIC 182**

Exploration of basic physical phenomena through laboratory work. Experiments in thermodynamics, electricity, magnetism and optics. This course is designed to accompany either level of introductory physics.

2 Credits

Corequisite: PHYSIC 108 or 114.

Political Science

Introduction to Politics **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies is used to show how real-world outcomes are affected by our political ideas and assumptions.

3 Credits Dist SB

Government and Politics of the United States **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.

3 Credits Dist SB

Comparative Politics of Industrialized Societies **POLSCI 201**

Introductory survey of political systems in the industrialized world, including the United States, Europe, and Japan.

3 Credits

Public Policy **POLSCI 203**

The process of policy making and the manner and effects of policy implementation in states and localities.

3 Credits

International Relations **POLSCI 220**

This course focuses on basic patterns and concepts which explain interactions among nations. Special attention is given to the role of ideologies, international organizations, conflict resolution, the impact of multinational corporations, underdevelopment, the international dimension of human rights, ethnic, "racial," religious, and gender differences, and the dynamics of globalization.

3 Credits Div I

The Political Novel **POLSCI 224**

This course studies some of the best novels concerning political conditions, ideas, and passions in our time. Franz Kafka, Andr Malraux, Arthur Koestler, George Orwell, and Ignazio Silone are among the novelists whose works are read. Such writers depict the plight of human beings; their works are broad in scope and philosophical in mood. Consequently they offer a superb opportunity for reflection and discussion concerning human nature, the human situation today, and the political possibilities and responsibilities that these put before us.

3 Credits

Political Change and Group Identity **POLSCI 307**

The course is concerned with the impact of group identity-racial, religious, ethnic, gender, sexual, class, national-on political systems.

3 Credits

Boston: Cooperation and Conflict in the Urban Environment **POLSCI 340**

The course helps students become familiar with the historical backgrounds of Boston's social systems, which leads to investigation and discussion of the city's contemporary political and social problems. The materials for this course consist of scholarly writings, journalists' reports, government documents, judicial opinions, biographies, films, and slide lectures, all focused on Boston and the metropolitan region.

3 Credits Div U

Third World Development **POLSCI 375**

Investigation of theories of interdependence, dependency, and neocolonialism. Special attention to North/South relations, various approaches to development and forms of assistance provided by the industrial countries, resource problems, and other political and developmental issues facing North and South.

3 Credits Div I

Politics of International Economic Relations **POLSCI 410**

This course studies the relationship between the structure of the international political system and the structure of the international economic system, examines the reciprocal links between domestic political and economic policies of governments and their international behavior, and analyzes the socio-political choices which support the development and operation of such transnational institutions as the World Bank, the IMF, multinational corporations, cartels, and trading systems.

3 Credits

Imperialism **POLSCI 420**

This course is designed to examine the various purposes (economic, political, social, cultural) served by policies of imperialism, in both its overt and ambiguous forms, as an aspect of international relations in the nineteenth and twentieth and twenty-first centuries--eras marked economically by an international process of industrialization and globalization. Course material consists of analyses and explanations of the imperialist phenomenon advanced by both theoreticians (liberal, Marxist, realist) and practitioners.

3 Credits

War **POLSCI 421**

An advanced course in international relations exploring the problem of war from many points of view, theoretical and practical. These include the history, nature, and causes of war, strategy in the course of war, legal and ethical questions, as well as proposals to avoid war (arms control, disarmament, social revolutions, etc.).

3 Credits

American Foreign Policy **POLSCI 424**

Examines United States foreign policy in the post-World War II period. Focuses on both historical and institutional matters. Current issues are also given ample consideration.

3 Credits

Russian Foreign Policy **POLSCI 430**

Emphasizing controversies about Soviet & Russian foreign policies, the course focuses on Russia's relations with Europe, the U. S. & Eurasia.

3 Credits

Democratic Theory **POLSCI 453**

This course explores ancient and modern theories of democracy in historical context. Topics include theories about leaders and their ends; the bases of representative democracy; the linkages between democracy and revolution; the relationship of democracy and economics; the issues related to democracy and difference; and the challenges for democracy in the twenty-first century.

3 Credits

Recent and Contemporary Political Thought **POLSCI 454**

A study of twentieth century political and social thought with incidental attention to certain influential thinkers of the nineteenth century.

3 Credits

Psychology

Introductory Psychology **PSYCH 100**

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion. Please note: Students who have already earned credits for PSYCH 101 may not register for this course.

3 Credits Dist SB

Introduction to Behavioral Research **PSYCH 201**

An introduction to the ways of discovering, describing and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.

3 Credits

Prerequisite: PSYCH 100 or 101.

Psychology of Cross-cultural Relations **PSYCH 234**

This course examines the nature and dynamics of inter-group relations within a multicultural context, studying relations among diverse cultures and racial groups in the United States and globally. The course looks at cross-cultural relations from an interdisciplinary perspective, discussing psychological and sociopolitical perspectives.

3 Credits Div U

Prerequisite: PSYCH 100 or 101.

Psychology and the Afro-American Experience PSYCH 235

This course is an examination of theory and research, primarily by psychologists, that bears on the Afro-American experience. The course focuses on the psychological literature, but also draws upon other social science disciplines, case studies, and relevant works of fiction. Major topics of the course are the black family and child development, black identity and personality, black activism, and the dynamics of individual and institutional racism.

3 Credits Div U

Prerequisite: PSYCH 100 or 101.

Asian American Psychology PSYCH 238L

This course is an introduction to the psychological experience of Asian Americans, including the historical, sociopolitical, and cultural influences that shape personality and mental health in community, family, and individual contexts. The course also explores prevention and intervention possibilities through specific examples, such as trauma and intergenerational conflict, that are relevant for Asian American populations.

3 Credtis Dist SB Div U

Statistics PSYCH 270

The applied study of the scientific method in the behavioral sciences. Fundamental statistical concepts and techniques are surveyed and used, with primary emphasis on the logic underlying the use of descriptive and inferential tools in scientific inquiry. Topics include parametric and non-parametric statistics, e.g., correlation and analysis of variance.

3 Credits Dist MT

Prerequisite: PSYCH 100 or 101 and MATH 114 or MATH 115 or placement into Math 129 or 130.

Personality PSYCH 300

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.

3 Credits

Prerequisite: PSYCH 100 or 101.

Abnormal Psychology PSYCH 315

This course examines the range of common psychological disorders, their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it. Etiology, dynamics and treatment of psychopathology.

3 Credits

Prerequisite: PSYCH 100 or 101.

Social Psychology PSYCH 330

A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others; focuses on the drama of social interaction.

3 Credits

Prerequisite: PSYCH 100 or 101.

Social Attitudes and Public Opinion PSYCH 335

This course examines the nature of attitudes, beliefs, and values, and the influences which individuals' attitudes have upon their behavior. Various theories of attitude organization and attitude change are discussed, and the development of social attitudes is explored by examining the differential impact of the family, the educational system, the mass media, and the general social environment. The changing content of public opinion over time and its relationship to the political system are also discussed.

3 Credits

Prerequisite: PSYCH 230.

Infancy and Childhood Development PSYCH 341

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis is given to early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?

3 Credits

Prerequisite: PSYCH 100 or 101.

Adolescence PSYCH 342

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses upon major problems and characteristics of adolescents in modern society.

3 Credits

Prerequisite: PSYCH 100 or 101.

Learning and Memory PSYCH 350

An introduction to current views of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.

3 Credits

Prerequisite: PSYCH 100 or 101.

Perception PSYCH 355

The traditional problems of perception, with focus on the changing theoretical perspectives within which these problems are viewed. Evolution in theory from early elementalistic approaches to the more current concern with perception-personality relationships.

3 Credits

Prerequisite: PSYCH 100 or 101.

Behavioral Neuroscience **PSYCH 360**

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.

3 Credits

Prerequisite: PSYCH 100 or 101, and PSYCH 105 or any BIOL course.

Psychological Trauma: Individual and Society **PSYCH 415**

This course explores the theory, research, and phenomenology of response to such traumatic events as combat, rape, and concentration camp survival. It examines normative psychological processes, common symptom picture, and the developmental, sociocultural, and personality factors that influence response. Discussions also focus on present and past controversies within the research, and on the personal, social, and professional implications of the material.

3 Credits

Prerequisite: PSYCH 201 and PSYCH 315.

Internship in Psychology **PSYCH 430**

An internship course to give students the opportunity of combining human service or research in an area of psychology with a weekly seminar where they can reflect on their field experiences. As part of the seminar, students are expected to attend its weekly meetings and to complete readings and a written term project relevant to their field experience as worked out in consultation with the faculty coordinator.

6 Credits

Prerequisite: Permission of department required (617.287.6350).

The Family and the Child: A Psychological View **PSYCH 441**

The role of the family in the psychological development of the child. A psychodynamic view of the family, examining stages of development from the third trimester of pregnancy to sixteen years of age.

3 Credits

Prerequisite: PSYCH 201 and 341.

Neurotoxicology: Effects of Environmental Agents on the Brain and Behavior **PSYCH 461**

Neurotoxicology examines the effects of toxic substances in the environment upon nervous system functioning. The course explores the actions of toxicants on adult functioning as well as on the development of the nervous system and behavior. Principles of toxicology, cellular and molecular mechanisms of action, and federal regulations are examined to provide foundational knowledge of the major classes of neurotoxicants.

3 Credits

Prerequisite: PSYCH 201 and 360.

Psychopharmacology **PSYCH 462**

A survey of the background and history of psychoactive drugs, their current uses as research and therapeutic tools, and the difficulties in appraising their effects. Particular attention is given to the effects of drugs on the development of new fields of inquiry such as neuropsychopharmacology and influences on older fields such as biological psychiatry, etc.

3 Credits

Prerequisite: PSYCH 201 and 360 or equivalent.

History, Systems, and Theories of Psychology **PSYCH 470**

This course explores the theoretical and methodological problems of contemporary psychology-especially clinical psychology-in historical perspective. It provides a broad overview of the development of psychology as an independent discipline and of the various sub-specialties in the field; and it evaluates the significance of new movements and methods by examining intellectual antecedents and underlying assumptions.

3 Credits

Prerequisite: Junior or Senior status and PSYCH 201.

Sociology

INTERNATIONAL PROGRAMS

Caribbean Studies Summer Institute: Puerto Rico & the Virgin Islands

uc.umb.edu/international

For more information, see page 75 .

Introduction to Sociology **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.

3 Credits Dist SB

Introduction to Systems of Criminal Justice **SOCIOL 104L**

The goals of the course are to give students a theoretical and empirical foundation of the criminal justice system. Topics will also include the nature of victimization, the inner workings of the criminal justice system and the outcomes for offenders leaving the system. The student will be exposed to the critical issues in justice, be involved in discussions of their impact on American society, and be asked to consider alternative approaches to addressing these issues. In addition, during the discussion of each segment of the American system of justice, comparisons will be made with other developed and developing nations' justice systems.

3 Credits

Social Problems **SOCIOL 160**

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.

3 Credits Dist SB

Prerequisite: SOCIOL 101.

Child Abuse **SOCIOL 183**

In this course, we will discuss the psychological, social, and developmental aspects of child abuse. We will examine forms of abuse, from verbal to physical, and why and how such abuse is enabled on the interpersonal and social levels. We will also focus on the short- and long-term effects of child abuse.

1 Credit

Battered Women **SOCIOL 184**

In this course, we will discuss the psychological, social, and legal aspects of battered women. We will examine forms of abuse, from verbal to physical, and why and how such abuse is enabled on the interpersonal and social levels. Topics examined include: power dynamics in relational systems, patriarchy and feminism, trauma, legal issues in domestic violence, and empowered relationships.

2 Credits

Asians in the United States **SOCIOL 223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.

3 Credits

Dist HU Div U

Southeast Asians in the United States **SOCIOL 225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.

3 Credits Dist SB Div U

The Family **SOCIOL 242**

A comparative and historical analysis of family systems. Emphasis on the development and the future prospects of the nuclear family in middle-class industrial society.

3 Credits

Prerequisite: SOCIOL 101.

Social Deviance and Control **SOCIOL 261**

This course examines the conditions and processes underlying social conformity and deviance. Discussion topics include social definitions of deviance, societal reactions to deviant behavior, deviant subcultures, and social control processes.

3 Credits

Prerequisite: SOCIOL 101.

Criminology **SOCIOL 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.

3 Credits Dist SB

Prerequisite: SOCIOL 101.

Religion in Contemp Society **SOCIOL 268**

Belief systems and social structures of religious groups. Impact of religious systems on familial, economic, political, and other institutions.

3 Credits

Prerequisite: SOCIOL 101.

Society and the Individual **SOCIOL 281**

Basic survey of the social environment of individuals and its impact on psychological processes.

3 Credits Dist SB

Prerequisite: SOCIOL 101.

Sociology of Culture **SOCIOL 305**

This course will focus on developing sensitivities to culture, its importance in sociological understanding and analysis and its relevance for the complexities and challenges that face individuals and societies. Course treats culture whether defined as practices, signs, symbols, discourses, languages, forms of knowledge or systems of meaning at multiple levels of analysis. Students will gain an appreciation of the influence of culture in shaping world-views, life-worlds and identity, the significance of culture in everyday life as well as the importance of culture of more macro levels.

3 Credits

Prerequisite: SOCIOL 101.

Family Violence **SOCIOL 316**

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society"s reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.

3 Credits

Prerequisite: SOCIOL 101.

Racial and Ethnic Relations **SOCIOL 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.

3 Credits Dist SB Div U

Prerequisite: SOCIOL 101.

Elements of Sociological Theory **SOCIOL 341**

Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.

3 Credits

Prerequisite: SOCIOL 101.

Elements of Social Statistics **SOCIOL 350**

Fundamentals of social statistics; special emphasis on probability, tests of significance, and measures of association. Students who receive credit for SOCIOL 352 Crime Data Analysis may not receive credit for this course.

3 Credits Dist MT

Prerequisite: SOCIOL 101 and MATH 114Q or 115 or equivalent MATH level.

Methods of Sociological Research **SOCIOL 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.

3 Credits

Prerequisite: SOCIOL 101.

Juvenile Delinquency **SOCIOL 362**

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.

3 Credits

Prerequisite: SOCIOL 101.

Corrections **SOCIOL 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.

3 Credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

Drugs and Society **SOCIOL 367L**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.

3 Credits Dist SB

Prerequisite: SOCIOL 101.

Alcoholism: Etiology and Epidemiology **SOCIOL 368L**

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.

3 Credits

Prerequisite: SOCIOL 101.

The Sociology of Gender **SOCIOL 382**

This course analyzes the sociological determinants and consequences of gender-that is, how societies assign specific expectations, advantages, and disadvantages to people on the basis of the biological fact of their sex. It examines the inequality between men and women that is a feature of the structure of many societies, as well as the social-psychological dimensions influencing individual behavior.

3 Credrits Dist SB Div U

Prerequisite: SOCIOL 101.

Internship in Law and Criminal Justice **SOCIOL 461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.

6 Credits

Prerequisites: SOCIOL 101, SOCIOL/CRMJUS 262L and 351L, completion of two of the following: SOCIOL/CRMJUS 363L, 465L, 467L, 90 or more credits, completion of WPE and major in Sociology, Criminal Justice, or minor in Criminal Justice. Permission of department required (617.287.6250).

The Police in Society **SOCIOL 465L**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.

3 Credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

The Sociology of Law **SOCIOL 467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.

3 Credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

Spanish

Elementary Spanish I — SPAN 101

Designed for students with little or no background in the Spanish language. SPAN 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required. Students may not take both SPAN 101 and 105.

4 Credits Dist WL

Prerequisite: The instructor reserves the right to place you in the appropriate course level.

Elementary Spanish II — SPAN 102

A continuation of SPAN 101. SPAN 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required. Students may not take both SPAN 102 and 106.

4 Credits Dist WL

Prerequisite: The instructor reserves the right to place you in the appropriate course level.

Intermediate Spanish I — SPAN 201

This course is designed for students who have completed one year of Spanish at the university level. SPAN 201 is dedicated to developing oral and written proficiency through lectures, conversations, compositions and the practical application of grammar. This course is taught primarily in Spanish.

3 Credits Dist WL

Prerequisite: The instructor reserves the right to place you in the appropriate course level.

Intermediate Spanish II — SPAN 202

A continuation of SPAN 201. SPAN 202 is dedicated to further developing oral and written proficiency through lectures, conversations, compositions and the practical application of grammar. This course is taught primarily in Spanish.

3 Credits Dist WL

Prerequisite: The instructor reserves the right to place you in the appropriate course level.

Spanish Composition and Conversation I — SPAN 230

Designed to provide practical training in written and oral expression to students with intermediate proficiency in Spanish. Recommended for students who wish to practice and improve their ability to communicate in Spanish. Weekly theses and frequent oral reports. Not open to students who first language is Spanish.

3 Credits Dist WL

Prerequisite: The instructor reserves the right to place you in the appropriate course level.

Technical Education

Seminar for the Beginning Vocational-Technical Teacher — OCCED 218

This course prepares the new vocational technical educator candidate for his/her first teaching assignment. The course will identify the characteristics of an effective teacher as will as provide some of the tools required by first year teachers to be successful. These include techniques for establishing effective classroom routines and procedures, student instruction and assessment, and for maintaining a positive classroom/laboratory climate that conveys high expectations. In addition, students learn to identify the elements of a course/program curriculum and learn how to develop a lesson plan, assign and grade homework and collaborate with colleagues to improve instruction, assessment and student achievement.

3 Credits

Managing Student Behavior & Creating a Safe & Healthy Environment — OCCED 219

This course is designed to prepare vocational technical teachers to organize an instructional area that is conducive to high quality learning in a healthy and safe environment. A variety of discipline concepts and strategies will be presented for application in the laboratory, related classroom and cooperative education sites. Current relevant OSHA and child labor law standards will be reviewed and plans for a comprehensive health and safety program will be developed.

3 Credits

Teaching Methods for Vocational-Technical Education: Instructional Strategies — OCCED 220

This course provides vocational-technical teachers with a wide variety of researched-based teaching methods and instructional strategies. Students in this course learn how to develop a unit of study and how instructional choices made by the vocational-technical educator are influenced by learning styles, motivation, and expectations. Students learn how to integrate vocational-technical and academic content by using a balanced instructional approach.

3 Credits

Teaching & Assessing the Vocational-Technical Learner — OCCED 221

This course provides vocational-technical teachers with the knowledge and tools to instruct and assess the technical, academic and employability skills of vocational students. Students in this course will learn to identify, develop, and model appropriate learning activities and assessments for the vastly divergent student population in vocational-technical education.

3 Credits

Developing & Implementing a Standards-Based Curriculum in Vocational-Technical Education **OCCED 222**

This course provides vocational technical educator candidates with the knowledge of the elements of a quality curriculum. Students learn how to develop a vocational technical curriculum and a competency-based student reporting system that incorporates the standards and performance indicators of the Academic and Vocational Technical Curriculum Frameworks. It is one of the courses required to obtain licensure as a vocational technical educator in Massachusetts.

3 Credits

Teaching Methods for Vocational-Technical Education: Teaching Diverse Learners **OCCED 223**

This course provides vocational technical teachers with an understanding of how learning styles as well as issues of language and disability impact instruction and learning. Vocational technical educator candidates will learn to develop a teaching unit that focuses on readiness assessment, use of learning styles, attention to whole brain teaching, interpersonal skills, knowledge, and skill assessment.

3 Credits

Addressing the Needs of Students with Disabilities in Vocational-Technical Education **OCCED 224**

This course provides Vocational Technical teachers with an overview of the Federal and State Special Education Laws and Regulations and how they are implemented in schools in Massachusetts. Students learn the elements of the Individual Education Plan (IEP), the roles of special and general educators, how to design curriculum and instruction using the information on the IEP, and how to modify their related classrooms to accommodate students with disabilities.

3 Credits

Theatre Arts

Introduction to Theatre **THRART 100**

This course introduces the collaborative art of theatre from the varied perspectives of playwright, director, designer, technician, actor, critic, and informed audience.

3 Credits Dist AR

Introduction to Acting I **THRART 236**

Dramatic form as required in acting. A survey of various styles: Greek, Elizabethan, Restoration and Modern; the actor's function, with emphasis on recently evolved methods of acting, and on preparation of scenes in class.

3 Credits Dist AR

Women's Studies

Women and Society **WOST 100**

This interdisciplinary course examines how gender interacts with social institutions such as the family, education, the media, organized religion, law and government, and how that interaction shapes human behavior. Students will learn to address controversial issues raised by the feminist movement, and to relate these to their own lived experiences in meaningful and productive ways.

3 Credits Dist SB Div U

Women in Global Perspectives **WOST 110**

This interdisciplinary course explores multiple meanings of gender in a transnational world. Topics include: contradictory meanings of traditional femininity across cultures; global media representations of the female body, beauty, sexuality; impacts of colonialism, nationalism, patriarchy, and the global economy on women's work and family lives; women's rights as human rights; and local and transnational feminist activisms.

3 Credits Dist SB Div I

Women, Culture and Identity **WOST 150**

This course explores cultural beliefs about women's "nature" and role at different times and places, drawing on materials from literature, including fiction and autobiography, and from history and feminist analysis. Using a thematic rather than a chronological approach, the course will focus on the ways in which intersection of race, class and gender affects the lives and self-concepts of women, in the U.S. and in other societies in the world.

3 Credits Dist HU

Twentieth Century Women Writers: A Feminist Perspective **WOST 200**

An intermediate-level course which examines the ways women writers in this century have dealt with some important themes of contemporary feminism. Novels, short stories, some analytical essays and autobiographies are used.

3 Credits Dist AR Div U

Educating Women **WOST 240**

This course studies the lives and ideas of women in the U.S. who have been educators and activists in struggles for equality in, and transformation of, education. Central themes include how women learn; education as a means of self-realization and empowerment for women in different ethnic, race, and class contexts; how gender affects experience in educational institutions.

3 Credits Prerequisite: The instructor reserves the right to place you in the appropriate course level. Div U

Women's Health Care **WOST 260**

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement.

3 Credits

Women in African Cultures **WOST 300L**

This course challenges stereotypical constructions of Africa and African woman in mainstream media by considering internal and external historical relationships that have shaped and redefined the cultures, ideas, institutions, politics, and social relations of several specific groups of African women. Through a multi-disciplinary approach, the course addresses issues and challenges of contemporary Africa, and explores many of the themes and concerns that have run throughout Africa's gendered, complex, and changing history. Popular culture sources, as well as scholarly studies and activist writing, will be employed to help illuminate the lived experiences and perspectives of contemporary women living in various African societies.

3 Credits Div I

Women in Modern China **WOST 359L**

This course examines the social and cultural roles of Chinese women, and their changes over time. Emphasis is given to twentieth-century China, especially the People's Republic period.

3 Credits Dist WC Div I

Graduate Courses

Summer **graduate courses** are drawn from a wide range of UMass Boston master's and doctoral programs; many of these programs are offered through University College and are described on pages 84-88. Students may generally apply up to six credits they earn as non-matriculated students toward a graduate degree or certificate; however, successfully completing a graduate course does not imply admission to a graduate program.

Many of these courses are open to any student with a bachelor's degree, but others have prerequisites or require permission of the instructor or the graduate program office. **If you have questions** about your eligibility to enroll in a summer graduate course, turn to page 101, Academic Information, or for further assistance call 617.287.7900.

= Course availiable online
= Award-winning
= International Program
= Green Themed

American Studies

AMERICAN STUDIES SUMMER INSTITUTE

Knowledge and Power: The Impact of "Intelligence" on American Political Life and Culture, Past and Present

uc.umb.edu/summerinstitute/amst

For more information, see page 79 .

Applied LInguistics

Writing Theories in Second Language Instruction **APLING 669**

This course will consider the key issues in writing theory, research, and pedagogy as they are specifically related to writing in a second language. It will introduce students to the existing research and developing theories on the composing process and examine, critique, and evaluate current and traditional theories and practices by exploring the ways in which theory and research can be translated into instruction.

3 Credits

Prerequisite: APLING-MA students only.

SPECIAL TOPICS:
LITERACIES AS SOCIAL PRACTICES: LANGUAGE, POWER AND SOCIOL ACTION **APLING 697**

The purpose of this course is to consider language, literacy and discourse in relation to society and culture. More specifically, we will discuss how literacy as the mastery of the language of secondary discourses informs understandings of the ways in which the world is read in particular times, places, and circumstances. We will begin with the assumption that language functions to scaffold both action and human affiliation in cultures, social groups, and institutions. As such, experiences and perspectives are created and assumed in the process of becoming literate. Towards this end, we will consider postmodern and critical theories of discourse and ideology to better understand such notions of multiple and situated literacies as social practices positioned in relation to the social institutions and power relations which sustain them. We will use Critical Discourse Analysis as a tool for exploring questions about the relationship between language, society, politics and ideology and as a resource for a social analysis of education. Discourses will be viewed as historical, doing ideological work but also as forms of social action.

This is a research course and it is not intended for students new to the program.

3 Credits

Prerequisite: By permission.

Biochemistry

Biochemistry I **BIOCHM 583**

3 Credits

Biology

Molecular Biology (Lecture only) **BIOL 572**

This course studies the molecular biology and biochemistry of gene expression in prokaryotes and eukaryotes. Topics include DNA structure/physical biochemistry, recombinant DNA technology, techniques in research, DNA synthesis, operons, chromatin structure and gene regulation, oncogenes, hormones and growth factors and signal transduction, transposons, mutagenesis and repair, flowering, photosynthesis, development, circadian rhythms.

3 Credits

Prerequisite: By permission of the instructor.

Business Administration (MBA)

INTERNATIONAL PROGRAMS

Entrepreneurship in the US and China

uc.umb.edu/international

For more information, see page 75.

Oral Communication for Managers **MBAACM 682**

This course helps students improve their oral communication skills. Its purpose is to improve 1) students' organizational effectiveness as managers, and 2) students' personal effectiveness as speakers. Course topics include the communication process, communicating in organizations, the substance of oral communication (argument and persuasion), and the form of communication (organization and delivery).

3 Credits

Prerequisite: Graduate degree student in Management.

Written Communication for Managers **MBAACM 684**

This course stresses fundamental theories and strategies needed for effective writing in diverse management situations. The course perspective is that of the manager in a multi-national organization; the course focus is on the impact of written messages on receivers both internal and external to the organization; the course context is communication in the global marketplace, bearing in mind that although English is used extensively in doing business in the world communication is always influenced by culture. Written communication topics include fundamentals such as audience awareness, organizational strategies, content development, and language control; persuasion; intercultural communication; and message channel choices. The course will be writing intensive.

3 Credits

Economics for Managers **MBAAF 601**

Introduces the student to economic principles of particular interest to the firm manager. The course is divided roughly into two parts that deal with macroeconomic and microeconomic issues. In the macro section such key aggregates as gross domestic product, unemployment rate, inflation rate, and balance of payments, which are of importance to the firm manager, are discussed. Discussions focus on a critical examination of how these aggregates are measured and determined in various competing theoretical models. The theory discussed here then serves as an analytical tool in understanding and evaluating economic policies related to such current economic issues as unemployment, inflation, and trade imbalances. In the micro section, emphasis is given to a) the theory of markets, how prices and quantities are determined in markets and factors that affect these prices and quantities; and b) how firms compete in different market environments. Besides concentrating on the theory, special attention is given to how the concepts covered are applied to real-world microeconomic problems.

3 Credits

Prerequisite: MBAMS 600 and graduate degree student in Management.

Massachusetts in the Global Economy **MBAAF 603**

This course has four goals. It seeks to provide students with 1) an understanding of the evolving business structure of Massachusetts, and its place in U.S. and world goods and service industries; 2) an introduction to country and regional analysis, especially macro-economic analysis and social and organizational analysis, as they pertain to understanding customer-markets, competitors, and comparative investment locations; 3) an introduction to major global economic, technological, and political trends, including changing demographics and regulation, technological "creative destruction," emerging markets, and transitions to capitalism; and 4) an introduction and overview of industry analysis, focusing on key Massachusetts industries, including financial services and banking, health care products and services, and computer hardware and software. The course involves intensive student research projects and team presentations.

3 Credits

Prerequisite: Graduate degree students in Management.

Accounting for Managers **MBAAF 610**

Instructs students in the fundamentals of financial and managerial accounting. The financial accounting component presents techniques used to measure business transactions, preparation of financial statements, recording and valuation of assets, owners' equity, revenue, cost, and expenses. The managerial accounting component deals with techniques for management decision-making, planning, and control.

3 Credits

Prerequisite: MBA AF 601 and graduate degree student in Management

Intermediate Accounting **MBAAF 611**

This course acquaints students with financial accounting theory. Particular emphasis is given to the relationship between theory and such practical problems as the limitations of traditional financial statements and asset and current liability items. Students acquire an understanding of issues unique to corporations and complete the study of the balance sheet by examining long-term debt and equity items.

3 Credits

Prerequisite: MBA AF 610 and graduate degree student in Management.

Cost Accounting **MBAAF 612**

Examines the use of cost accounting as a means of providing quantitative information for managerial decision-making and control. Emphasizes analysis of cost behavior, cost-volume-profit relationships, budgeting, and performance measurement.

3 Credits

Prerequisite: MBA AF 610 and graduate degree student in Management.

Financial Management **MBAAF 620**

This course is intended to provide the student with a sound understanding and appreciation of the principles of corporate finance. The course covers the theory and practice of financial decision making by managers and describes how financial theory can be used to address practical problems and to illuminate institutional aspects of the financial world. Topics include the time value of money, capital budgeting, financial statement analysis, asset valuation, portfolio theory, capital structure, dividend policy, long-term financing, and issues of corporate control. The course enables students to develop the skills and intellectual framework for addressing a variety of financial problems.

3 Credits

Prerequisite: MBA AF 610 and graduate degree student in Management.

Advanced Corporate Finance **MBAAF 621**

This course is a natural extension of MBA AF 620, the core financial management course. It builds on the principles and concepts developed there and introduces such new topics as real options, convertible securities, lending, mergers and acquisitions.

3 Credits

Prerequisite: MBA AF 620 and graduate degree student in Management.

Financial Modeling **MBAAF 623**

Introduces the principles and techniques for building financial models, especially in an uncertainty framework. Topics covered included decision support systems, risk analysis, portfolio theory, and capital budgeting under uncertainty. Integrates financial, accounting, and statistical concepts and techniques to construct financial models and to perform analyses using popular software applications. Emphasizes the application of financial modeling techniques in identifying and implementing business solutions. The course will be of special interest to students seeking more hands-on experience in constructing financial models and more in-depth knowledge in financial software.

3 Credits

Prerequisite: MBA AF 620 and graduate degree student in Management.

International Financial Management **MBAAF 626**

This course describes the body of knowledge, attitudes, and skills required of financial decision-makers operating in a global setting. The phenomenal rise in importance of multinational business finance and concommitant issues is explored in light of recent theoretical and empirical research. Specific topics include foreign exchange risk management, financing decisions in the long and short run, currency translation, accounting and taxation.

3 Credits

Prerequisite: MBA AF 620 and graduate degree student in Management.

Organizational Diagnosis and Change **MBAMGT 653**

This course focuses on the theory, research, and techniques of organizational diagnosis and change. Students learn how to engage in systematic structural and behavioral analyses and to design effective strategies for intervention and change.

3 Credits

Prerequisite: MBAMGT 650 and graduate degree student in Management.

Business and Its Environment **MBAMGT 660**

This course looks at the relationship of business to the external environment and considers business in relation to legal, social, political, and economic systems, focusing in particular on the impact of governmental regulation on business. The course also addresses the functioning of the US business enterprise in the context of the international business environment. Finally, through an examination of the role of ethics in management decision-making, the course explores how business organizations can operate effectively and responsibly in the context of the external environment.

3 Credits

Prerequisite: Graduate degree student in Management.

Strategic Management **MBAMGT 689**

Considers the diverse situations typically confronted by upper-level management and strategies for managing these situations, using knowledge acquired through study of the MBA Core. These strategies are based on an analysis of the internal conditions of the firm and the constraints and opportunities afforded by the external environment. Students learn to develop strategy implementation plans that provide detailed descriptions of appropriate executive action.

3 Credits

Practicum **MBAMGT 698**

This course is limited to students pursuing professional internships for credit.

3 Credits

Prerequisite: Permission of department required (617.287.7720).

Marketing Management **MBAMKT 670**

This course focuses on the strategic decisions necessary to match organizational resources with market opportunities. Students learn to analyze market opportunities, to develop marketing plans and marketing mix strategies, and to manage implementation and control of the marketing plan.

3 Credits

Prerequisite: MBA AF 610 and graduate degree student in Management.

Services Marketing **MBAMKT 672**

Services dominate almost all types of economies today. The increasingly competitive nature of many service industries places a premium on effective marketing strategy. We will examine the uniqueness of the services characteristics and its marketing implications. Topics include the unique characteristics of services marketing, the management of services, the evaluation of service quality, the techniques for service improvement, and what differentiates services marketing from the marketing of products.

3 Credits

Prerequisite: MBAMKT 670 and graduate degree student in Management.

Database & Internet Marketing **MBAMKT 677**

The contemporary environment requires more demonstrated cost effectiveness from every marketing program than ever before. Meanwhile the customer demands quality, value, service, and quick delivery. The primary way to resolve these potentially conflicting mandates is through information-driven relationship marketing programs. This course examines the customer database as the key element in marketing programs of this type. It considers strategic implications in both business and consumer markets, for both products and services. It pays special attention to the role of interactive media, including the Internet. It aims to develop a reasonable level of technical sophistication in terms of what information technology can and cannot accomplish, but it does not involve hands-on computer applications.

3 Credits

Prerequisite: MBAMKT 670 and graduate degree student in Management.

Mathematical Analysis for Managers **MBAMS 600**

This course provides the mathematical skills and applications necessary to pursue graduate study in the College of Management. Topics include a review of basic algebra; graphing; linear, polynomial, exponential, and logarithmic functions; functions of several variables; systems of linear equations; probability; differentiation and integration.

3 Credits

Statistical Analysis for Managers **MBAMS 630**

Acquaints students with statistical techniques used in management decision-making and develops their ability to characterize management problems that can be solved by such techniques. Topics include descriptive statistics, probability distributions, sampling, estimation, hypothesis testing, simple and multiple regression and correlation, chi square testing, analysis of variance, and decision theory. Students make use of computers and appropriate software to apply what they are learning.

3 Credits

Operations Management **MBAMS 635**

This course familiarizes students with the analysis, planning, and control of operations and operating resources in both production and service organizations. Topics covered include product design and process selection, capacity planning, location and layout decisions, and inventory control. Analytical techniques used in system design and operations planning and control problems are also discussed. Students make use of computers and appropriate software to apply what they are learning.

3 Credits

Prerequisite: MBAMS 630 or MSIS 630 or MS 630. BUSADM students only.

Computers and Information Processing Systems **MBAMS 640**

Examines the role of information technology (IT) in supporting an organization's operations, strategy, and change efforts. The course offers a comprehensive review of modern information technology architectures covering current approaches to the organization and management of computer technology, telecommunications, data organization, and information system applications. Major emphasis is given to the critical role that computer technology and information systems methodology play in the re-design of business processes under different organizational settings. The course makes extensive use of case scenarios to describe and to research further some issues involved in the planning, development, and implementation of streamlined organizational processes and information system applications. Some modules may involve the hands-on use of personal computers.

3 Credits

Counseling

DEGREE PROGRAMS

MS in Family Therapy Counseling

MS in Mental Health Counseling

MS in Rehabilitation Counseling

MEd in School Guidance Counseling

uc.umb.edu/degree/counseling

For more information, see page 85 .

Research and Evaluation in Psychology **COUNSL 601**

This course examines several research models and strategies with respect to their various rationales and methodologies. Relevant statistical topics are introduced conceptually, especially as they are applied in research about specific academic settings.

3 Credits

Prerequisite: Permission of department required (617.287.7602).

Principles of Vocational, Educational, and Psychological Assessment **COUNSL 605**

The course provides a survey of standardized tests used in assessing aptitudes, interests, and personality traits. The course covers technical and methodological principles and social, ethical, and legal implications of psychological testing and assessment.

3 Credits

Prerequisite: Permission of department required (617.287.7602).

Counseling Theory and Practice I **COUNSL 614**

The purpose of this course is to provide grounding in the commonalities of counseling techniques and practice in the use of various techniques. The course covers the essentials of interviewing, note taking, and report writing, as well as the role of diagnosis. Tapes and role playing are required.

3 Credits

Child and Adolescent Counseling **COUNSL 617**

This course focuses on facilitating the unique development and emotional growth of children through the counseling process. The course is designed to enhance students' theoretical and practical understanding of the major schools of child psychotherapy. Emphasis is given to a multidimensional view of intervention, with attention to developmental, cognitive, behavioral, educational, multicultural, and environmental issues. Through lectures, videotapes, and structured exercises, students learn a distinct group of interventions, including play and communication skills, as integral components of the therapeutic process.

3 Credits

Prerequisite: COUNSL 614.

Collaborative Consultation in Schools **COUNSL 632**

This course provides a theoretical foundation and practical skills in consultation designed to prepare students to apply their professional preparation in education and psychology to solve problems in school settings. Consultation is viewed as a process of collaboration, intervention, and evaluation. An eco-behavioral model of consultation is emphasized. Case studies are used to develop analytical and problem-solving skills. Issues involved in serving diverse student populations are examined. The course is intended to foster an identity as a caring, dedicated, principled, and respectful consultant committed to social justice.

3 Credits

Prerequisite: Permission of department required (617.287.7602).

Behavioral Counseling **COUNSL 635**

This course provides a rigorous examination of social learning theory as a basis for practice of therapeutic behavioral counseling. Through lectures, readings, demonstrations, and discussions, students become familiar with fundamental techniques of behavioral counseling, including operant, classical, modeling, and cognitive methods.

3 Credits

Group Counseling for Children and Adolescents **COUNSL 650**

This course studies group counseling and group process with children, adolescents, and their families. Participants acquire knowledge and skills through critical and reflective readings, lecture, discussion, role-plays, interviews, and films. Emphasis is given to theoretical and experiential perspectives, as well as multicultural counseling in competence, to enhance participants' growth and training as thoughtful and responsive practitioners in diverse urban settings. Discussions address such themes as group dynamics, group composition and management, stages of group empowerment, and leadership styles.

3 Credits

Prerequisite: COUNSL 614.

Cultural Diversity in Counseling **COUNSL 653**

This course addresses the role of culture in counseling and psychology by looking both at history and at current issues. Discussions use an interdisciplinary framework to approach the question of counseling in a multicultural society. The course seeks to contribute to both the personal and the professional development of its participants.

3 Credits

Child Abuse, Neglect & Trauma **COUNSL 664**

This course addresses the growing problem of child abuse and neglect in American society, exploring the psychodynamic and sociocultural factors that contribute to child abuse. Emphasis is given to prevention, intervention, treatment, and the legal aspects of abuse and neglect.

3 Credits

Prerequisite: Permission of department required (617.287.7602).

Substance Abuse and the Family **COUNSL 672**

This course focuses on families with members who are substance abusers and the ways in which these families function. The course explores the methods and resources available for helping such families.

3 Credits

Prerequisite: COUNSL 614 or permission of department. Permission of department required (617.287.7602).

Psychopharmacology **COUNSL 674**

This course considers the nature of alcohol and narcotics and the ways they affect addicts in mind and body before, during, and after treatment.

3 Credits

Prerequisite: COUNSL 614 or permission of department. Permission of department required (617.287.7602).

Critical and Creative Thinking

DEGREE AND CERTIFICATE PROGRAMS

MA in Critical and Creative Thinking

MA in Science in a Changing World

Certificate in Creative Thinking at Work

Certificate in Science in a Changing World

uc.umb.edu/degree/creative-thinking/

uc.umb.edu/degree/changing-world-science/

uc.umb.edu/certificates/cct

For more information, see pages 84-88.

Critical Thinking **CRCRTH 601**

This course explores issues about the nature and techniques of critical thought, viewed as a way to establish a reliable basis for our claims, beliefs, and attitudes about the world. We explore multiple perspectives, placing established facts, theories, and practices in tension with alternatives to see how things could be otherwise. Views about observation and interpretation, reasoning and inference, valuing and judging, and the production of knowledge in its social context are considered. Special attention is given to translating what is learned into strategies, materials, and interventions for use in students' own educational and professional settings.

3 Credits

Seminar in Creativity CRCRTH 612

This course delves deeply into the theory and practice of promoting creativity, using a specific theme, such as invention and innovation, humor, realizing creative aspiration, building creative communities, as a focus for the readings, discussions, class activities, and semester-long students projects. The course materials, which are drawn from a variety of sources to match the instructors specialty, student interests, and evolving trends in the literature, include biographies, intellectual histories, psychological studies, educational research, the popular media, guest speakers, and outside mentors. Details for the specific semester are publicized in advance by the Program.

3 Credits

Creative Thinking, Collaboration, and Organizational Change CRCRTH 618

Through interactive, experiential sessions and structured assignments, students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.

3 Credits

Biomedical Ethics CRCRTH 619

This course develops students' critical thinking about dilemmas in medicine and health care policy, such as those that arise around allocation of scarce resources, criteria for organ transplants, informed consent, experimentation on human subjects, AIDS research, embryo research and selective termination of pregnancy, euthanasia, and physician-assisted suicide. Through such cases the course introduces methods in moral reasoning, rights-based reasoning, decision-making under uncertainty, and utilitarianism in classic and contemporary normative reasoning.

3 Credits

Issues in Antiracist and Multicultural Education CRCRTH 627

This course explores two related forms of education-antiracist education and multicultural education-approaching them as issues in moral and value education and exploring controversies in the theories and practices of antiracist and multicultural education. The course deals with both practical and theoretical issues but concentrates more on theory. Specific topics include racism, race, and school achievement; ethnic identity and self-esteem; Afrocentrism; religious pluralism; multiculturalism as a unifying or divisive force.

3 credits

Reflective Practice CRCRTH 688

Reflective practitioners in any profession pilot new practices, take stock of outcomes and reflect on possible directions, and make plans to revise their practice accordingly. They also make connections with colleagues who model new practices and support the experimenting and practice of others. Students in this course gain experiences and up-to-date tools for reflective practice through presentations, interactive and experiential sessions, and, optionally, supervised pilot activities in schools, workplaces, and communities.

1 Credit

Prerequisite: Permission of department required (617.287.6523).

Education

CERTIFICATE PROGRAM

The Teaching of Writing

uc.umb.edu/certificates/teachingwriting

For more information, see pages 84-88.

Sociocultural Perspectives on Education EDCG 606

This course examines the interrelationships among students, schools, and society. Participants learn about the ways in which race, class, language, and ethnicity influence how we define ourselves and each other in our various encounters within the broader culture of US society. The course examines the historical antecedents influencing how the lives of the immigrant and colonized peoples in the US are defined. It is designed as a foundation for understanding the policies, goals, assumptions, strategies, and practices of multicultural approaches to education. It draws on a variety of models to construct educational curricula that are multicultural and socially reconstructionist. Readings are placed within the context of public schooling today in order to develop students' "cultural consciousness" and awareness of the individual and shared societal assumptions we bring to our teaching experiences.

3 Credits

Computers, Technology and Education EDCG 610

An introduction to using computers and technology in education. The various uses of computers and technology in education are examined in depth as participants are introduced to a wide variety of K-12 educational software and the Internet and explore the pedagogical issues raised by the use of computers for students, teachers, and school administrators. These include consequences for learning, problem solving, organizing data, creativity, and an integrated curriculum. Finally, the course looks at ways in which technology may help facilitate changes in the ways teachers teach and students learn and ultimately may stimulate reform in education. The course has a field component where students observe computer use in the classroom.

Prerequisite: Graduate Education Students only. Students in the following (sub)plans must obtain Permission of Instructor: SPED MEd w/o Licensure, MEd w/Initial Licensure, MEd w/Prof Licensure, or Certificate w/Prof Licensure.

3 Credits

Evaluation and Design of Educational Software — EDCG 612

This course provides participants with methods and strategies for evaluating and designing educational software and other applications of advanced information technology.

3 Credits

Prerequisite: EDCG 610 or Permission of Instructor.

Teaching Writing in the K-12 Classroom — EDCG 621

This course deals with the teaching of writing, the teacher as writer, and the interactions between reading and writing. Readings and presentations offer up-to-date information, theory, and practical techniques for teaching reading and writing in all subject areas. Students meet regularly in reader-writer response groups to work on their own writing and to respond to one another's writing about reading. There are a number of guest lecture-demonstrations by elementary and secondary teachers who are teacher/consultants with the Boston Writing Project. The course combines writing process theory with practical methods.

3 Credits

Prerequisite: Permission of Instructor except in the following cases: MEd w/Initial - Elementary: EDC G 603, 606, 630, and 644, or in (sub)plans MEd w/Prof - Elem-Mid-Second, Post-Mast Cert w/Prof - Elem-Mid-Seond, or MEd w/Initial or Prof Licensure.

Inclusion, K-12 — EDCG 630

This course examines the theoretical and practical issues that teachers must address as they implement the effective inclusion of children with disabilities in general education classrooms. Topics include the legal foundations of inclusion; appropriate strategies for supporting the academic, behavioral, and social aspects of inclusive teaching; and strategies for productive interactions with other educators and parents. The course's central premise is that inclusion requires collective attention to individual needs within the general education program. Participants become familiar with the roles of the general education teacher in special education, develop learning and behavior plans to address student needs, and acquire practice in analyzing school activities to maximize effective participation by a range of students. The course includes a field experience component.

3 Credits

Content Literacy — EDCG 648

Content literacy, as it is expressed through reading and writing in schools, is the focus of this course. The course aims to provide students with the following knowledge, skills and strategies: developing students content responses in writing in the middle and secondary classroom; understanding the reading process and the notion of content literacy; assessing student writing and reading responses, as well as selecting and assessing appropriate content and texts; understanding how English language learners approach reading and writing in the classroom; and understanding the current research on various areas related to content literacy. The course will introduce students to various reading and writing strategies and contexts/ approaches to enhance reading and writing in middle and high school classrooms. The course focuses on the interplay between reading and writing in schools. The course readings and assignments offer up-to-date information, theory, and practical techniques for developing the use of writing and understanding reading in all subject areas.

3 Credits

Sheltered English Instruction (SEI) for Urban Mainstream Teachers PreK-12 — EDCG 649

This course is the first of a two-course sequence aiming to fulfill the requirements for Categories I through IV of the April 2006 Guidelines for Sheltered English Instruction (SEI) professional development of the Massachusetts Department of Education. This first course covers Category II, furnishing all teachers with instructional strategy knowledge and practice needed to successfully teach second language learners. The course is designed to equip prospective and in-service teachers with skills to effectively organize and implement content area instruction appropriate for English language learners at different levels of English proficiency. The myriad student language backgrounds primarily encountered in increasingly diverse urban school districts are discussed. The main focus area centers on sheltering content instruction for a variety of proficiency levels/content areas. Instructional strategies and content area units/lessons related to the Curriculum Frameworks and Massachusetts English Language Proficiency Benchmarks and Outcomes (ELPBO) are developed and documented in a sample portfolio. The course content is delivered through experiential, participatory and process-oriented strategies that are used successfully with English language learners and build reflective practices. This is a three graduate credit course requiring a minimum of 37.5 contact hours.

3 Credits

Designing Middle & Secondary Curriculum and Learning Strategies — EDCG 660

This course examines current principles of curriculum and instruction, as well as state and national standards for the teaching of the disciplines at the middle and secondary school levels. Students review teaching materials and methods, design curriculum units, develop strategies for communicating with students from diverse backgrounds, do micro-teaching, design assessment and evaluation instruments, and critique their own and one another's efforts. This is a field-based course in which students are asked to reflect on the learning and teaching they see in a variety of school sites and apply what they observe as they design curriculum units.

3 Credits

English

Studies in Fiction — ENGL 602

Studies in the nature of prose fiction and its major kinds; topics in the history and sociology of narrative fiction, such as the working class novel, the short story, the prose romance, the historical novel; and studies of representative British and American types in international contexts.

3 Credits

Studies in Drama — ENGL 603

A course for those who want a broad view of the sweep of Western drama, offering a study of the art of drama as it has evolved from classical Greece. Representative plays are drawn from various periods (medieval, Renaissance, Augustan, romantic, and modern) and from the major modes (tragedy, comedy, farce, realism, expressionism, and the absurdist and social theater). Selected critical works are also considered.

3 Credits

The Teaching of Literature **ENGL 611**

This course develops a theory and practice for the teaching of literature, applicable to both secondary and post-secondary education. The class reads, discusses, and analyzes sample presentations on literary texts in a variety of genres. The course serves teachers, prospective teachers, and non-teachers who seek an introduction to literature from pedagogical points of view.

3 Credits

Life Writing **ENGL 618**

This course takes as its province a wide range of biographical forms, ranging from biography, autobiography, and the memoir to personal essay, letters, case studies, and the obituary. Works may range across centuries, languages, and cultures, or be narrowly grouped. Both critical analysis and practical experiments in life writing may be required.

3 Credits

Environmental, Earth and Ocean Science

Introduction to Probability and Applied Statistics **EEOS 601**

The course will cover basic probability theory, including conditional probabilities & Bayes theorem, permutations & combinations, random variables and expected values, distributions (including binomial, Poisson, normal, geometric, hypergeometric, Chi-square, F & Students t), the central limit theorem, estimation, confidence intervals, hypothesis testing, (including p values & confidence limits), Type I & Type II error, Students t tests and non-parametric alternatives. The course will also cover contingency tables & goodness of fit tests, regression & correlation, and simple one-way ANOVA. The course will make extensive use of PC-based software (e.g., SPSS, Matlab TM or R). Calculus and linear algebra are not required , but are recommended.

3 Credits

Biological Oceanographic Processes **EEOS 630**

The processes which govern the population dynamics of phytoplankton, zooplankton, and benthos will be studied in the context of ecological simulation modeling. Calculus recommended, but not required.

3 Credits

Gerontology

DEGREE AND CERTFICATE PROGRAMS

MS in Gerontology: Management of Aging Services Track

Certificate in Gerontology/Focus on Management of Aging Services

uc.umb.edu/degree/gerontology

uc.umb.edu/certificates/gerontology

For more information, see pages 84-88.

Health and Physical Changes in Aging **GERONGR 611**

Those who provide and manage services for the elderly, or are involved in public policy and research concerning the elderly, need knowledge about the physical process of aging. This course describes the physiological changes that accompany the aging process and relates these to social and economic factors that influence health status. Discussion topics include issues of prevention, health promotion and health maintenance, and selected disorders that affect health and independent living.

3 Credits

Social Aspects Aging **GERONGR 621**

This course presents a social perspective on the aging process. It considers social factors that influence aging and the nature of the integration of the aged into society, as well as the way in which population aging affects the society as a whole. The course also looks at social theories of aging, paying special attention to changing social roles, social stratification and aging, and the development of institutions for the aged. Gender, race, ethnicity, and class are discussed as social categories that influence aging and that play a role in the determination of social policy for the aged. Readings on the status, role, and culture of the aged are drawn from the literature of sociology, economics, and anthropology.

3 Credits

Issues in Aging Policy **GERONGR 623**

This course introduces students to the development, implementation, and analysis of social policy in the United States on major issues affecting older people. Income security, health care financing, and long-term care receive major attention. Discussions also focus on the programs mandated by the Older Americans Act; and participants examine the major normative, demographic, economic, and political forces that underlie aging policy.

3 Credits

Psychology of Aging — GERONGR 628

This course focuses on psychosocial processes throughout the second half of life, from middle age through the "young old" and "old old" years. It addresses both normal aging and psychopathology. Of special concern is the question of whether there are any systematic intrinsic psychological or personality changes associated with development in later life. The course also focuses on the processes used to cope with age-associated transitions ranging from the empty nest to impending death. It explores theoretical models for understanding coping and adaptation, developmental changes, and psychopathology. Other topics include clarification of the causes and nature of the most common psychopathologies, depression, and Alzheimer's disease; and the psychodynamics of institutionalization and family care of the very old.

3 Credits

Marketing of Aging Services — GERONGR 645

This course examines marketing principles as applied to aging services organizations. Students will learn about marketing concepts, objectives, and brand names. The course will also explore the current structure of aging organizations in Massachusetts and relate these to current marketing principles and strategies. Students will learn to apply marketing concepts to effectively manage and operate an aging services organization. This course provides students with the opportunity to see how marketing principles and practice come together within the context of various types of aging services organizations in Massachusetts.

3 Credits

Service Delivery Issues in Aging — GERONGR 650

This course focuses on the links between consumers and aging services in organizational settings with well-developed formal services. The aim of the course is to provide students with an understanding of the structural problems that underlie the challenges that consumers face in using formal services. The course covers a wide range of services that older people may need, the complementary relationship between formal and informal services, boundary issues among service specialties, boundary issues among service specialties and service professionals, service coordination and integration, and the role of both consumer directional and professional case management in negotiating service systems.

3 Credits

Organization and Financing of Aging Services — GERONGR 660

This course is offered as a core course in the aging service track of the Masters in Gerontology. Students who are interested in pursuing career opportunities in management of long term care organizations will benefit from this course content. The influences of organizational and financial forces upon aging service are analyzed in this course. Three sources of public financing --Medicare, Medicaid, and the Older Americans Act--are examined in depth. The relative strengths of public and private financing are examined with attention to both access and quality issues. It is assumed that the student do not have any background knowledge of accounting and finance. Therefore, foundational elements in accounting and finance will be covered in this course. The student will acquire an understanding of accounting principles, economic decision-making and industry factors as they pertain to aging service agencies.

3 Credits

Capstone Project Seminar in Managment of Aging Services — GERONGR 692

This capstone offers each student the opportunity to develop a special project in his or her specific area of interest. This includes researching the topic, identifying an issue, developing strategy and a work plan, and establishing a timeline and implementation schedule. The course is intended to assist students in implementing their knowledge and skills developed during their course of study. Projects undertaken should evidence an understanding and mastery of areas such as policy development an analysis, program management, administration, and finance. The course is also intended to show student mastery of self-direction and task management. Students are expected to take this class at or near the end of their course of study in the Management of Aging Services Masters Program.

3 Credits

Global Post-Disaster Studies

Migrants and Refugees — CRSCAD 522

This course will provide students with a broad overview of challenges faced by migrant and refuse populations that have been displaced by socio-political upheavals and natural disasters.

3 Credits

History

Research Seminar **HIST 600**

This is the introductory course in historical research and methods. Readings draw upon diverse historical materials, with special attention to primary materials. Emphasis is given to the development of research and writing skills. It is normally taught in American history.

3 Credits

Prerequisite: Graduate degree student.

Topics in American History **HIST 682**

Examinations of important themes in American political, social, cultural, and intellectual history. Topics vary.

3 Credits

Prerequisites: Graduate degree student.

Instructional Design

DEGREE & CERTFICATE PROGRAMS

MEd in Instructional Design

Certificate in Instructional Technology Design

uc.umb.edu/id

For more information, see pages 84-88.

Introduction to Instructional Design **INSDSG 601**

This course provides an introduction to the cognitive and experiential content of the program, emphasizing the components of the instructional design model. Various instruction design models are analyzed and students are expected to complete, as a final project a learning module micro-design.

3 Credits

Selection and Evaluation of Instructional Materials **INSDSG 603**

This course analyzes the factors that determine the selection, evaluation, and utilization of materials used in instructional design. It studies the comparative instructional value of a wide range of electronic and print materials. At the end of the course, students will be able to choose materials on the basis of cost effectiveness, technical quality, teaching-learning mode, physical facilities, and availability of technologies.

3 Credits

Prerequisite: INSDSG 601 or permission of instructor.

Video Principles for Instructional Design **INSDSG 610**

This course provides a comprehensive introduction to video production theory and technique, including the study of principles for analyzing and synthesizing information, and of some basic video instructional formats. The goal is to equip those responsible for developing instructional materials with the skills they need in order to work with video professionals in creating, designing, and producing instructional video programs.

3 Credits

Prerequisite: INSDSG 601 or permission of instructor.

Instructional Strategies and the Adult Learner **INSDSG 612**

This course is designed to assist participants in making classroom training more effective. Emphasis is on instructor roles and tasks, determining learning styles, and selecting appropriate techniques. Techniques focus on stand-up teaching skills, including lecture, question-and-answer, discussion and facilitation, as well as common media formats, role-playing, games and simulations, and case studies.

3 Credits

Prerequisite: INSDSG 602 and Graduate Degree Student.

Assessment in the Instructional Design Process **INSDSG 618**

This course examines assessment in all phases of the instructional design process, including needs analysis and the various stages of formative and summative evaluation. Topics include various types of data, techniques for data gathering, the construction of questionnaires, a hands-on review of computer programs, and characteristic issues in the analysis and interpretation of assessment. The course also offers practical experience in the use of representative measures and applications.

3 Credits

Prerequisite: INSDSG 601. Masters in Instructional Design student or permission.

Curriculum Development for Organizations **INSDSG 622**

In this course, students learn to develop curriculum used in organizations according to principles of instructional design. Students research and write a complete instructor manual/lesson plan and accompanying student folder/manual on a selected training topic. Curriculum development topics include: writing course goals and performance objectives; testing mechanism; complete lesson plan content; instructional methodologies and strategies such as role plays, group activities, case studies; creating original materials such as student handouts, prepared flipcharts, PowerPoint slide presentations, or other media as needed; equipment and technology; curriculum standards; and evaluation strategy.

3 Credits

Prerequisite: INSDSG 601 and 602.

Independent Study **INSDSG 696**

The comprehensive study of a particular topic or area in instructional design, as determined by the needs of the individual student. The student works under the guidance and supervision of the instructor.

Special Topics:
Universal Course Design: A Pathway to Mindful and Creative Adult Learning for All — **INSDSG 697**

This course will investigate the principles and theories of Universal Course Design for Learning. The focus will be primarily on access tools for diverse learners with particular emphasis on learners with disabilities. Universal instructional design techniques will be explored along with creating reusable learning objects, accessible multimedia, educational uses of gaming, and how Web 2.0 tools can be used to foster inclusive teaching practices. The course will be offered online using Blackboard Learn 9.1. Students will complete readings and upload assignments to the course portal via the Internet.

3 Credits

Latin

SUMMER INSTITUTE

Conventiculum Bostoniense, Dartmouth, MA

uc.umb.edu/summerinstitute/latinbysea/

An intensive Latin-only program for teachers of Latin.

See page 79 for more information.

Caesar — **LATIN 602**

This course will focus on selections from Julius Caesars Commentarii, including selections from *De Bello Gallico* and *De Bello Civile*, interspersed with selections from the letters and works of Caesar's contemporaries and the later Roman historians. Examination of maps, photographs, and brief topical essays will provide the background necessary to understand Caesar's works and campaigns. Some emphasis will be laid on modern scholarship devoted to Caesar. Course goals include not only reading a significant portion of Caesar's extant works, but also gaining an appreciation of his style as a writer, along with a understanding of his place in Roman history. Teachers enrolled in the course should expect to gain a good background for teaching Caesar in the AP curriculum.

3 Credits

Lucretius — **LATIN 609**

This course will be devoted Lucretius' *De rerum natura*, the great didactic epic of Epicureanism. We will examine the philosophical doctrines that Lucretius espoused, the poetic and literary qualities of his poem, his influence on successors, and the way he manipulated the Latin language and the dactylic hexameter to serve his ends.

3 Credits

Management Science and Information Systems (MS-IT)

Business Data Communications and Computer Networks — **MSIS 614**

This course develops a managerial level of technical knowledge and terminology for data, voice, image, and video communications and computer networks to effectively communicate with technical, operational and management personnel in telecommunications. Students are expected to understand the concepts, models, architectures, protocols, standards, and security for the design, implementation, and management of digital networks and apply data communications concepts to situations encountered in industry; learn general concepts and techniques of loc area networks (LAN), wireless local area networks (WLAN), and wide area networks (WAN); and understand the technology of the Internet and the regulatory environment. Other topics introduced include network operating systems, e-commerce and associated web sites and practices, as well as middleware for wireless systems, multimedia, and conferencing.

3 Credits

Prerequisite: MBAMS 640 or MSIS 640 or MS 640. BUSADM students only.

Management of the Supply Chain — **MSIS 617**

This course examines how to create opportunities for revolutionizing manufacturing and logistics, with increased efficiencies in designing, operating, and managing supply chains. This course will present state-of-the-art models and practical tools for supply chain management and multi-plant coordination. Sessions focus on effective logistics strategies for companies operating in several countries and on the integration of supply chain components and their associated information workflows into a coordinated system to increase service levels and to reduce costs. The effective use of the Internet and developments in information systems and communication technologies are presented with real-world case studies that illustrate and analyze important concepts, such as strategic partnering and outsourcing.

3 Credits

Mathematics

Probability & Statistics I for Secondary Teachers — **MATH 545**

This course presents the mathematical laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal distributions. Topics also include basic ideas and techniques of statistical analysis.

3 Credits

For further information about how to register for Nursing courses, please visit this URL (How to Register for Graduate Nursing): http://umb.edu/academics/uc/moreinfo/registration/how/nursing/

Nursing

CERTFICATE PROGRAM

Adult/Gerontology and Family Nurse Practitioner (NP)

Clinical Nurse Specialist (CNS) Post Master's

uc.umb.edu/certificates/nursepractitioner

For more information, see pages 84-88.

Advanced Pathophysiology NURSNG 614

This course focuses on the analysis, interpretation, and evaluation of pathophysiological processes throughout the lifespan. Relevant research is integrated into evidenced-based nursing practice.

3 Credits

Prerequisite: Department permission required.

Advanced Health Assessment NURSNG 615

This course focuses on the development of advanced practice nursing skills in health assessment for urban populations. Concepts, theories and research on human development, anticipatory guidance, prevention and early detection of risk factors and disease are emphasized. Critical thinking, diagnostic reasoning and communication skills are developed through practice with cases guided vignettes and simulated practice experiences specific to the students area of advanced practice nursing in the college laboratory.

3 Credits

Prerequisite or Corequisite: NURSNG 614. Graduate student in Nursing. Department permission required.

Health Policy, Finance, Ethics NURSNG 618

This course is designed to examine how ethical, financial, and health policy issues and concerns are linked in the health care delivery system. The role of the nurse in developing a professional ethical framework, understanding the economic implications of health care, and shaping and formulating health policy will be stressed. Several decision-making models and strategies in health policy, finances, and ethics will be compared. Relevant research in health policy, finances, and ethics will be analyzed.

3 Credits

Prerequisite: Department permission required.

The Role of the Advanced Practice Nurse NURSNG 631

The historical development, scope, and functional roles of the advanced practice nurse are analyzed. Students examine the dynamic relationships among professional organizations, health care trends, and health care policy as they influence the need for advanced practice nursing. Emphasis is placed on acquiring the knowledge and skills to assume leadership roles in the health care system. Related health professions theories, research, and opportunities for implementing changes are emphasized. Critical thinking, group dynamics, leadership skills, and role of the APN as educator are studied and modeled in classroom experiences and course assignments.

3 Credits

Prerequisite: Department permission required.

Advanced Pharmacology NURSNG 634

The course focuses on the role of advanced practice nurses in applying pharmacotherapeutics to the management of health and illness in populations at risk for morbidity and mortality. Students acquire advanced knowledge as a foundation for prescribing and monitoring pharmaceutical and alternative therapeutic agents. Emphasis is placed on synthesis of pharmacokinetics and pharmacodynamics principles for the prevention and treatment of acute and chronic illnesses. Evidence-based outcomes, consensus guidelines, and research studies are critiqued. Ethical, legal, and risk-management issues are discussed.

3 Credits

Prerequisite or Corequisite: NURSNG 614. Graduate student in Nursing. Department permission required.

Mental and Psychosocial Health of the Urban Family NURSNG 637

Multicultural individuals and families at risk for mental and psychosocial problems are considered within the context of urban living. Nursing theory and research is applied to developing processes of care for individuals across the lifespan with mental health and psychosocial problems. Students learn evidence-based care including cognitive-behavioral, psychopharmacological, and non-traditional approaches to psychosocial and related physical problems. Research related to environmental, psychosocial, genetic, economic, family systems, developmental risk factors, drug efficacy and nonpharmacological approaches for individuals with mental and psychosocial illness is investigated. The impact of contemporary health care policy and legislative proposals on quality, cost, and access to care is investigated.

3 Credits

Prerequisite: Department permission required.

Primary Care of Adults NURSNG 639

Students examine the nursing and health related theory and research applied to the primary care management of adults with episodic and chronic illness. Diagnostic, therapeutic, and pharmaco-logical regimens are examined. Legal, ethical, and health policy issues that impact the delivery of primary health services are integrated. Continued emphasis is placed on developing social cultural sensitivity to the variations in health care needs of urban populations.

3 Credits

Prerequisite: Department permission required.

Primary Care of Older Adults NURSNG 671

This course focuses on the health care issues and needs of elders across the care continuum of acute, chronic, community, and long-term-care settings. Aspects of physical, emotional, and social aging across the lifespan are explored utilizing various theoretical perspectives and models. The assessment, teaching-coaching, and management roles of the advanced practice gerontological nurse in relation to acute and chronic health conditions of the older adult are emphasized. The complex interplay of the political, economic, legal, and ethical factors that influence health care delivery to older adults is examined.

3 Credits

Prerequisite: NURSNG 639. Graduate student in Nursing. Department permission required.

Primary Care of the Adult/Older Adult Practicum III **NURSNG 672**

Students further refine skills in critical thinking and clinical reasoning in the application of theory and research to practice. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion/illness problems, with a focus on the primary care of adults and older adults across the continuum of care. Seminars are grounded in learning the application of theory and research to the domains of practice of the adult/gerontological nurse practitioner, including the management of patient health and illness and the teaching-coaching function of the nurse practitioner and ensuring the quality of health care practices. Interdisciplinary collaborative practice skills are developed. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings.

6 Credits

Prerequisite: NURSNG 670. Prerequisite or Corequisite: NURSNG 671 and 680. Graduate student in Nursing. Department permission required.

Primary Care of the Family Practicum II **NURSNG 680**

Family nursing theory and research are further integrated as students develop competencies in their role as family nurse practitioner. Under the supervision of nurse practitioners and faculty, students manage and coordinate primary care for multicultural urban families experiencing a continuum of health promotion, episodic, and chronic illness problems. The diagnostic, therapeutic, evaluative, consultative, and teaching functions of the nurse practitioner role are examined within a professional, ethical and legal framework. Skills in collaborative interdisciplinary practice are emphasized. Seminar discussions include an exploration of the health policy issues that influence the delivery of health care to underserved urban families and communities.

6 Credits

Prerequisite or Corequisite: NURSNG 639. Graduate student in Nursing. Department permission required.

Primary Care of the Family Practicum III and Capstone **NURSNG 682**

Students further refine skills in critical thinking in the application of theory and research to practice. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion/illness problems with a focus on the primary care of women, infants, and children. Seminars are grounded in learning the application of theory and research to the domains of practice of the family nurse practitioner, including the management of patient health and illness and the teaching-coaching function of the nurse practitioner and ensuring the quality of health care practices. Interdisciplinary collaborative practice skills are developed. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings.

6 Credits

Prerequisite or Corequisite: NURSNG 681. Graduate student in Nursing. Department permission required.

Health Informatics **NURSNG 715**

Students learn advanced practice nursing competencies related to computer skills, informatics skill, and informatics knowledge. Application of information theory and computer technology skills is directed towards improving the organization and delivery of healthcare to multicultural populations receiving primary, secondary, and tertiary health care. Health Informatics deals with using technology tools for optimizing the collection, verification and utilization of data that relates to generating knowledge to inform best practices and leadership in both public and private health systems. Students are directed to investigate ways in which information systems can address disparities in health services.

3 Credits

Prerequisite: Department permission required.

Introduction to Biostatistics: Biostatistics I **NURSNG 760**

This is the first course in a two-semester Biostatistics sequence. The course introduces students to the basic concepts and methods of biostatistics. The course is focused on some fundamental theories of biostatistics and basic methods of statistical inference at a conceptual level. It also covers some important topics in study design, such as different types of study design, sampling methods, sample size, and power calculation. Students will understand the concepts and methods of statistics, and apply them in critiquing literature in the field of clinical and population based research.

3 Credits

Prerequisite: Department permission required.

Independent Study **NURSNG 796**

Students wishing to enroll in this course should present to the faculty a well-defined problem for investigation. Plans for advanced study should be established at the beginning of the semester during which the student wishes to take the course. The study will be conducted in consultation and collaboration with the student's faculty advisor, and documented in a report at the end of the semester.

3 Credits

Prerequisite: Department permission required.

Psychology

CERTIFICATE PROGRAM

Forensic Services

uc.umb.edu/certificates/forensicservices

For more information, see pages 84-88.

Forensic Psychology **PSYCH 614**

This course examines the intersection of criminal law and clinical psychology. Topics include those that are frequently the concern of forensic mental health clinicians, namely recidivism, violence risk assessment, insanity, legal competence, and false memory. These topics are studied from cultural and developmental (childhood, adolescence, adult) perspectives.

3 Credits

Sociology

Alcohol, Drugs & Crime **SOCIOL 623**

This course focuses on the multi-faceted associations among alcohol, drug use, and crime in America. It distinguishes legal and policy issues from competing paradigms and contrasts criminal justice and public health models. State- of-the-art etiology, epidemiology, prevention, and treatment studies correlating criminality and substance misuse are assessed and evaluated in historical and sociocultural contexts.The course highlights social service systems in relation to current practices and institutionalized definitions of health and illness crime and criminals.

3 Credits

Prerequisite: Graduate student in Applied Sociology, Counseling, or Forensics.

Spanish

CERTIFICATE PROGRAM

The Teaching of Spanish

uc.umb.edu/certificates/teachingspanish

For more information, see pages 84-88.

Assessing Foreign-Language Learners (Spanish) **SPAN 512**

Designed for pre-service and in-service teachers, this course will provide an in-depth study of different types of assessment, emphasizing performance assessment and the achievement of standards. Explicit connections to the Massachusetts Curriculum Frameworks for Foreign Languages and the National Standards for Foreign Language Learning will be made. The format of the course will be interactive discussion sessions with topics drawn from reading assignments. Students will gain practice in designing assessments and accompanying rubrics, projects, and portfolios, as well as self-assessment tools.

3 Credits

Caribbean Borders: Literature & Identity in the Hispanic Caribbean **SPAN 540**

Designed for pre- and in-service teachers of Spanish, this course examines cultural production and social development in the Hispanic Caribbean. We begin with the cultural dilemma and social implications posed by the "narrative" of Western colonization in the Caribbean, to then survey the major consequences, processes, and repetitive patterns impacting the region. Out main goal will be to historicize and interrogate the creation of a Caribbean cultural discourse. This course will prepare teachers to develop connections between course content and the Massachusetts Curriculum Framework for Foreign Languages and the National Standards for Foreign Language Learning.

3 Credits

Special Education

DEGREE & CERTFICATE PROGRAMS

MEd in Special Education: Orientation and Mobility

MEd in Special Education: Teacher of Students with Visual Impairments

Certificate in Orientation and Mobility

uc.umb.edu/certificates/specialed

For more information, see pages 84-88.

Behavioral and Classroom Management **SPEG 607**

This course identifies major theorists, techniques, and procedures for facilitating constructive behavior in the classroom. Topics include observational recording systems, contingency contracting, and monitoring of behavioral progress. Emphasis is on pro-social skill development and classroom structures conducive to collaborative learning. Field-work components are included.

3 Credits

Introduction to Disabilities for Educational Professionals **SPEG 621**

This course focuses on the physical, cognitive, behavioral, and psychological aspects of the atypical developmental patterns of children and adolescents with varying disabilities. Emphasis is given to the conceptual frameworks for understanding normalcy, including cultural, racial, ethnic and linguistic expectations, family, community, and peer group norms, and gender roles and stereotypes within the context of today's urban schools. Legal definitions of disabilities are stressed as well as the range of learning differences within typical development. This course includes a fieldwork component

3 Credits

Computers in Special Education **SPEG 684**

Universal Design for Learning is the model used for evaluating software and assessing school-specific and classroom-specific uses of technology to support the learning of students with special needs. The course focuses on curriculum applications of technology that can improve the learning opportunities for all students, especially those with special needs, and enhance their problem-solving capabilities, organization skills, and social competence. Attention is also given to adaptive computing technologies that help students compensate for visual, auditory, motor, and/or cognitive limitations.

3 Credits

Prerequisite: Graduate degree student in Special Education.

International Programs

UMass Boston's summer international programs will expose you to an array of unique cultures, people, politics, histories, languages, arts, and archaeological treasures. Every program is accompanied by an experienced UMass Boston professor.

Please note that program fees do not cover all costs associated with the program; for more details, go to uc.umb.edu/international, or contact Susan Griffin (susan.griffin@umb.edu; 617.287.7278). Passports will be required for most programs and visas will be required for travel to China.

To apply for any of these programs, please contact Susan Griffin (susan.griffin@umb.edu; 617.287.7278).

The following programs are subject to change at any time due to circumstances beyond our control; this includes any and all fees, dates, itinerary, and program activities. We will do our reasonable best to inform all applicants of any changes in as timely a manner as possible.

Field School in Prehistoric Archaeology in Belize

This summer the Anthropology Department will offer a field school on Mayan archaeology in Belize, Central America. The project area and field camp are located in a tropical rainforest within the Programme for Belize Conservation Area—a protected reserve for flora, fauna, and archaeological remains. The 2012 summer season will include a number of different investigations, such as support population studies (survey, mapping, and excavation) at several localities, small site excavation, and the excavation of agricultural features

Belize, Central America **June 14-July 8**

$3095 (undergrad), $3425 (grad)
6 credits (ANTH 485 or 685)

For program details, contact:
Professor Lauren A. Sullivan
lauren.sullivan@umb.edu; 617.287.6850

Application deadline: April 30. Applications received after this date will be considered if space is available.

BELIZE EXCAVATION

Caribbean Studies Summer Institute: Puerto Rico and the Virgin Islands

This program offers students an interdisciplinary approach integrating sociological, anthropological, and historical perspectives, to the study of Puerto Rican and Caribbean society and culture. Students will be introduced to key social-scientific concepts such as race, ethnicity, nation, culture, and their relevance or irrelevance in the attempt to understand Caribbean cultures and identities. The program combines classroom instruction with field experience, including presentations by guest speakers.

Cayey and Vieques, Puerto Rico; St. Croix and St. Thomas, Virgin Islands **July 9–August 3**

$4,250
12 credits (ANTH 274, SOCIOL 321L, and either ANTH 478 or SOCIOL 478)

For program details, contact:
Professor Jorge Capetillo-Ponce
jorge.capetillo@umb.edu; 617.287.6284

Application deadline: May 2

CRSCAD in China: Post-Disaster Community Building

CRSCAD is:
The Center for Rebuilding Sustainable Communities after Disasters

Experience a unique opportunity to study and experience first-hand best practices and successful examples of post-disaster community building in various parts of the world. Hosted by Sichuan University, participants will spend two intensive weeks in Chengdu, learning about various dimensions of post-disaster reconstruction. In addition to lectures, research and case studies, students will take field trips to the Dujiangyan Irrigation System and Sanxingdui Museum.

This is a 6-credit, 2-course graduate-level program; these courses constitute a component of the 18-credit graduate certificate program in Globe Post Disaster Studies (Reconstruction with Vulnerable Populations). However, this program is open to any graduate-level student or qualified professional.

UMass Boston **July 2-July 15**
Chengdu, China **July 16-July 29**

$2,500**

6 credits (CRSCAD 503)
6 credits (CRSCAD 596)

Adenrele Awotona, Program Director
crscad@umb.edu
Tel 617.287.7116; Fax 617.287.5544

** Note the fee may change if anticipated external subsidy commitments are not met.

Entrepreneurship in the US and China

This course will offer students an in-depth look at how business is conducted in China, the impact of Chinese culture on business practice, and potential business opportunities there. We will visit three "capital" cities in China: Beijing, the Chinese capital and the political and cultural center of the country; Shanghai, the financial capital; and Shenzhen, a city known for a ranking in China as #1 in City Competitiveness. Visit Chinese and multinational corporations in different industries and interview the executives of those corpora-tions. Students are not expected to have any knowledge of Chinese and will receive extensive orientation before leaving for China.

This course will count toward the specialization of student's choice and will satisfy the International Business requirement.

Shanghai, Beijing and Shenzhen **June 8-June 23**

$1825, 3 Credits in specialization of student's choice
$650, 3 Credits, Optional Independent Study

For program details, contact:
Tara Shea, MBA Assistant Director
617.287.7855; tara.shea@umb.edu

Applications are reviewed every week until week of April 30. Early applications are strongly encouraged since space is limited.

Haiti Today: People, Culture and Politics

This summer the Africana Studies Department will offer a unique academic program at L'Institut National d'Administration, de Gestion et Des Hautes Etudes Internationales (INAGHE). Students will study Haiti's history, politics, culture, and current economic and social changes taking place, from both external and internal perspectives. With the program based in Les Cayes and Montrouis, students will visit significant historical, cultural, and ecological sites and will also enjoy excursions to Cap Haitien, Milot and the beautiful resort town of Jacmel.

Haiti **July 9-August 3**

$2,450
6 Credits (AFRSTY 480 and AFRSTY 478).

For program details, contact:
Professor Marc Prou
marc.prou@umb.edu; 617.287.6796

Application deadline: May 2. Applications received after this date will be considered if space is available.

> **Dr. Prou and Dr. Cantave were superbly prepared, very knowledgeable and taught with such passion.**

More International Study Through UC

University College's exciting and challenging international study programs are offered during both summer ***and*** winter sessions. Other programs recently held include:

China Today: Culture, History and Society

Beijing, Shanhai and Xian

Students have a unique opportunity to learn firsthand about a rapidly changing and diverse country, where the "old" and the "new" co-exist. The focus of this program is on important current issues, students will also be introduced to various aspects of Chinese culture and tradition including "off-the-beaten-tracks" places such as a school for migrant female workers, an environmentally conscious company specializing in the production of "green" energy, and avant-garde art galleries.

Ireland Today

Derry, Ireland

"Ireland Today," offered by UMass Boston's Political Science and History Departments in cooperation with The University of Derry and Inch House Irish Studies Centre in Ireland, is designed for students interested in observing Irish society firsthand and analyzing their experience within the context of cultural, political, and economic issues in contemporary Irish society. Students work on a substantial seminar paper involving field research while in Ireland plus a set of guided readings and additional research to be completed upon their return to the US.

Jamaica Today

Kingston, Jamaica

Each winter the Africana Studies Department offers a program on location in Jamaica. The program is designed to facilitate an understanding of Jamaica through total immersion in different aspects of the country. The program explores the culture, environment, language and literature of Jamaica, and the country's economic, political, and social realities. Activities will include presentations by local experts and visits to significant historical and cultural sites such as the National Gallery, Bob Marley Museum, Morant Bay, Mooretown and Maroon Settlement in Accompong Town.

Participants will spend approximately two weeks of the program at the University of the West Indies in Kingston and the final week in Treasure Beach in Southern Jamaica where, in addition to attending daily classes, they will work in a field project.

Les Saveurs du Sud-Ouest

Toulouse & Sarlat-la-Caneda

This two-week workshop, designed exclusively for educators, re-introduces participants to current French thought, cultural institutions, and society, and presents methods for teaching contemporary French culture in the secondary school. Participants in this workshop will be actively involved in thematic, communicative lessons in French culture and society which can be adjusted and applied to any middle or high school class which integrates language, content, and culture. Educators are sure to come away with an experience to remember and share with their students.

Nubia Today

In this unique academic program, on location in Egypt, participants will explore the history, culture, sociology, and current political realities of both Egypt's southern, culturally older, and northern regions. Nubia Today provides research opportunities through cultural immersion, participation in archeological digs and academic lectures, and the opportunity to connect with grassroots families as well as credentialed scholars. The program will also help researchers engender scholarly collaborations with important historical institutions in Egypt. Students will travel to Aswan, Luxor and Cairo, enjoying homestays along the way to enhance each participant's experience of local cultures and customs. Students will visit ancient temples, participate in an archaeological dig, and attend lectures by Egyptian scholars and lay experts.

West Africa Today History, Culture and Society

This program features guest lecturers from Ghanian and Beninois universities, service-learning projects, and explorations into the rich culture and history of Ghana and Benin, their political and economic development, music and dance, art, storytelling, Vodoun, traditional healing and divination. Students will participate in a workshop on Yoruba naming ceremonies, visit with local teachers and school administrators, and enjoy spectacular cultural performances. Students will also participate in an international conference, "Multi-Culturalism, Democracy and Development in West Africa."

Mexico Today: Politics and Society

Cuernavaca, Mexico

Mexico Today provides a dynamic learning experience—the program combines classroom instruction with direct field experience, including meetings and interviews with political, industrial, civic, church, and union leaders. Lectures by local experts, followed by discussion and regular seminar meetings, will provide the academic basis for explorations of students' individual interests. During their stay in Cuernavaca, students live and have their meals in the homes of Mexican families. This experience provides students with an invaluable insight into modern-day Mexican culture and society.

The New Europe and the European Union

The Netherlands & Brussels

This program provides students an extraordinary opportunity to learn about, and experience firsthand, the dynamic and exciting transformations occurring in Europe today. The program will provide a comprehensive picture of key aspects of the current social, political, economic, and cultural developments affecting the state of the European Union - focusing on The Netherlands as a "case study.

Field Study, Off-Campus Programs & Summer Institutes

Field study programs, off-campus programs and summer institutes are opportunities to immerse yourself in an active summer learning experience that transcends conventional classroom routines. You'll be rolling up your sleeves and getting your hands dirty, whether you're taking part in an archaeological dig, finding inspiration in the light, landscape, flora and fauna of Nantucket Island, or joining fellow scholars and professionals for in-depth exploration of topics in American studies, languages, and education.

Please note that program fees do not cover all costs associated with the program; for more details, go to uc.umb.edu/international, or contact Elaine Sullivan (elaine.sullivan@umb.edu; 617.287.7915).

To apply for any of these programs, please see contact information listed in each program.

Field Schools in Archaeology

Hassanamesit Woods Project
Grafton, Massachusetts **May 29-June 29**

Optional Directed Study **July 2 – July 13**

Sponsored by the Department of Anthropology in conjunction with the Andrew Fiske Center for Archaeological Research, this field program is designed for graduate and advanced undergraduate students in anthropology, archaeology, history, and American Studies. Students will gain training in large-scale block excavation, stratigraphic interpretation, field recording, material culture identification and mapping. Students will also have the opportunity to work with specialists from the Fiske Center who specialize in geophysical testing and remote sensing, paleoethnobotany, zooarchaeology, and soils analysis.

Students can also sign up for an additional 2-week, 2 credit, directed study that will follow the field school. Students will learn how to process and identify material culture and samples recovered from the field. They will also receive training in the preparation of some materials for specialized analysis.

$2355 (undergrad); $2985 (grad)
6 Credits for ANTH 485/685, Field Research in Archaeology

$ 935
2 credits for ANTH 479, Directed Study

For program details and an application, contact:
Professor Stephen Mrozowski
stephen.mrozowski@umb.edu; 617.287.6842

Application deadline is May 2

Field School

Credits, experience ..and a chance to play in the dirt!

Historic Governor Gore Estate **May 29-June 29**
Waltham, Massachusetts

The field excavation project will take place at Gore Place, the National Historic Landmark estate of Massachusetts Governor Christopher Gore. We will be working on the grounds surrounding Gore's standing 1806 brick mansion. Previous excavation at the site by UMass Boston uncovered part of a well-preserved early-19th-century greenhouse built by Gore. This summer's work will focus on larger scale excavation of the greenhouse to interpret its design, layout, use, and heating and watering systems. Through daily archaeological fieldwork and laboratory analysis students will learn the process of excavation, field recording, mapping, sample collection, and basic artifact analysis in historical archaeology. The course includes a special emphasis on shallow geophysics for mapping subsurface deposits, and students will learn how remote sensing techniques are applied to site analysis, excavation, and interpretation. Students will learn how archaeology can be applied to historic preservation questions, as well as how to represent this work to the public.

$2,080 (undergard); $2,860 (grad)
6 credits, ANTH 485 or ANTH 685

For program details and an application, contact:
Professor David B. Landon
david.landon@umb.edu; 617.287.6835

Application Deadline: May 1

Summer Programs on Nantucket

uc.umb.edu/nantucket

ART 380
Painting Studio on Nantucket **June 28-July 13**

Painting Studio on Nantucket will be an intensive, in-depth painting experience on Nantucket Island that will use the Plein Air painting approach as a jumping-off point to the summer landscape. Initially we will look at the techniques of Corot, Constable, Turner and others. Our investigation will move quickly to contemporary approaches and attitudes. Exploring the landscape in broad interpretation will be encouraged; from the macro to the micro, fauna, flora and wildlife could become subjects. Also, use of the camera and working from photographs will be explored. Slide shows, demonstrations, one-on-one meetings, and group critiques, as well as working outside and in the studio, will comprise our activity. Come energized and prepared to get a lot of painting done!

Prerequisites: permission of the instructor.

$1,520
3 Credits

For program details and an application, contact:
Wilfredo Chiesa
wilfredo.chiesa@umb.edu; tel 617.287.5749

Application deadline: June 7

BIOL 100
Coastal Ecology **July 15-28**

This marine biology course serves as an introduction to field research methods and will familiarize students with the flora and fauna of this unique island. This is a UMass Boston General Education course.

$1,250
3 Credits

For program details and an application,contact:
Professor Greg Beck
greg.beck@umb.edu.

Application deadline: July 1

BIOL 306/506
Marine And Coastal Ecological Research **July 29-August 11**

Supervised research on the adaptations and interactions of organisms of the beaches, salt marshes, sand dunes, and embayments of Nantucket. Meets every weekday during two weeks of the summer at the University's Field Station on Nantucket. In addition to learning the ecology of Nantucket's fascinating marine and coastal habitats, this course will give students experience in field research, experimental design, data analysis, and research presentation.

Prerequisites: BIOL 210, 252 or 290.

$1,290 (undergrad)
$1,690 (graduate)
3 credits

For program details, contact:
Professor Elizabeth Boyle
elizabeth.boyle@umb.edu

EEOS 406
GIT Data Collection and Field Methods **August 6-25**

UMass Boston: August 6-August 17
Nantucket August 19-August 25

This course has 3 components: lecture, lab, and field data collection. The course is conducted at the UMass Boston campus for the first 2 weeks and at the UMass Boston field station on Nantucket for the third and final week. The course covers basic Geographic Information Technologies (GIT), specifically Global Positioning System (GPS), and applications used to collect, map and analyze spatial data.

Prerequisites: EEOS 281 and EEOS 381 or permission of instructor.

$1,650
4 credits

For program details, contact:
Professor Helenmary Hotz
helenmary.hotz@umb.edu

Application deadline: July 23

UC 118

Biomimicry: Nature's Guide toward Solutions **June 3-16**

Biomimicry is an emerging discipline that utilizes biological models to evolve sustainable solutions to environmental and design challenges. Through biomimicry we learn from nature's 3.8 billion years old wisdom and asks the question: What would nature do?

Biomimicry encourages interdisciplinary discourse, bringing together design professionals and students (architecture, interior design and landscape architecture), as well those rooted in the sciences (biology, natural resources and the environment). On Nantucket, students will be immersed in a New England island setting living close to nature and learning about environmental issues and related sustainable design strategies. By learning from and then emulating nature, biomimicry provides an ecologically sound guide to implement sustainable designs.

Prerequisite: This course is open to juniors and seniors, or by permission of the instructor.

$1,420
3 Credits

For program details and an application, contact:
Anamarija Frankic, anamarija.frankic@umb.edu; 617.287.4415

Application deadline: April 14

Summer Institutes

AMERICAN STUDIES SUMMER INSTITUTE
Knowledge and Power: The Impact of "Intelligence" on American Political Life and Culture, Past and Present

John F. Kennedy Presidential Library **July 11-July 22**

uc.umb.edu/summerinstitute/amst

An intensive, graduate-level, two-week program of informative, thought-provoking lectures and discussions led by distinguished scholars and guests.

This year's program examines how intelligence has been defined, redefined, valued and devalued throughout American history. We will explore the multiple ways intelligence has shaped American political life and culture, and how restrictive definitions of intelligence have been contested by activists, politicians, and artists. The course will emphasize equally the political, social, and cultural dimensions of knowledge in American life.

The Institute will be directed by Aaron S. Lecklider, Assistant Professor of American Studies at UMass Boston, and Education Specialist Nina Tisch of the John F. Kennedy Presidential Library and Museum.

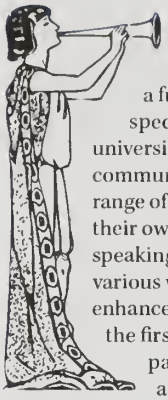
Graduate students, educators and others are welcome with permission of instructor.

8:30-12:30, MTuWThF
$195
3 graduate credits, AMST 687
Non-credit option: $125

For program information and an application, contact:
JFK Library Education Department: jamie.richardson@nara.gov; 617.514.1581

Application deadline: May 31

CONVENTICULUM BOSTONIENSE: LATIN BY THE SEA
DARTMOUTH, MA **JULY 28-AUGUST 5**



VOCAMUS VOS, O MAGISTRI, UT LINGUAM LATINAM NOBISCUM IN ORA MARITIMA COLATIS! The Conventiculum Bostoniense is a full-immersion residential experience, specifically designed for teachers in schools and universities who want to gain some ability to communicate ex-tempore in correct Latin on a wide range of subjects. Participants will enhance and develop their own abilities to express themselves in Latin, both in speaking and writing, and at the same time will explore various ways to employ active Latin in the classroom to enhance the learning experience of their students. After the first evening's arrival and orientation session, participants will speak Latin exclusively with one another and the faculty for seven days.

Two different graduate level courses are offered during the Conventiculum, one for first time attendees and one for returning participants. As a participant in the Conventiculum, you will also have the option to take courses for either two or three credits.

Applications received after this date will be considered if space is available.

$1410 2 graduate credits
$1870 3 graduate credits

Audit Option

This option is designed for school teachers over the age of 60 or college faculty who would like to attend the Conventiculum but who do not need graduate credit for their participation.

Program fee for those auditing the Conventiculum: $830

For program information and an application, contact either:
Peter Barrios-Lech (Petrus) or Jim Dobreff (Jacobus)
Classics Department
617.287.6121
peter.lech@umb.edu; james.dobreff@umb.edu

Application Deadline: April 1

HAITIAN CREOLE SUMMER LANGUAGE AND CULTURE INSTITUTE
BOSTON CAMPUS **JUNE 18-JULY 6**

uc.umb.edu/summerinstitute/haitiancreole

The Haitian Creole Summer Language and Culture Institute is conducted under the joint collaboration of the Africana Studies Department, the Haitian Studies Program, and University College. All instructors are native speakers of Haitian Creole.

The Institute is a three-week intensive program in Beginner, Intermediate and Advanced Haitian Creole, a course in translation techniques for advanced students, and a class taught in Kreyòl which delivers the linguistic and cultural background needed for students who plan to continue their studies through research and service to Haitian communities. In addition to class work, all courses make use of cultural activities to enhance the study of the language. Evaluation of student achievement and proficiency for placement and progress will be conducted both informally and formally during and at the conclusion of the course.

Outside the classroom time, students will also have volunteer opportunities in field work with different Haitian community-based organizations and agencies.

Haitian Creole I (Beginner) LANGINST 002

This intensive beginning-level course is intended for students with no knowledge of Haitian Creole. In small-group teaching sessions, students will be prepared for conversational fluency with basic reading and writing skills, emphasizing communicative competence as well as grammatical and phonetic techniques.

5:00-8:30pm, MTuWThF
$680
Class No 1374

Haitian Creole II (Intermediate) LANGINST 003

Skills acquired in this intermediate level course will enable students to participate actively in most social and cultural conversations. Sufficient writing and reading comprehension skills will be practiced and studied with the use of intermediate vocabulary and grammatical forms.

5:00-8:30pm, MTuWThF
$680
Class No 1376

Haitian Creole III (Advanced) LANGINST 004

At the advanced level, students will achieve a high degree of fluency and precision of vocabulary, enabling them to perform sophisticated activities. Students will be able to speak, read, and write as well as use colloquialisms, proverbs, riddles, and "contes" (jokes).

5:00-8:30pm, MTuWThF
$680
Class No 1377

Techniques of Haitian Creole Translation LANGINST 005

This course is geared towards the native or advanced Creole language speaker who wishes to be certified as a translator or as a court interpreter. It provides participants with ample opportunities to apply techniques and skills through a series of translation assignments which form the basis for class discussion. Participants will have intensive practice in translating a variety of genres and styles both literary and non-literary. They will also be trained in techniques of consecutive and simultaneous interpretation and sight translation. Emphasis is given to accuracy, speed, delivery, command of professional lexicon, and awareness of the relationship between language and culture.

5:00-8:30pm, MTuWThF
$680
Class No 1378

Note: Optional credit for the LANGINST courses is available from the Africana Studies Department. Please contact the institute director, Marc Prou, for more information about for-credit study.

Introduction to Haitian Creole Studies AFRSTY 480

This course provides broad foundations of spoken, listening and written Kreyòl, contextualized within a survey of Haitian culture. The language component of the course will be taught in a Kreyòl immersion format. Lectures and discussions on Haitian cultural and social history will be in a bilingual format (English and Kreyòl), and will focus on various relevant topics from post-Columbian era in Hispaniola, the Atlantic slave trade, the Haitian Revolution, Haitian belief system (vodou), and the arts, to the 20th century tourism, the 1915-1934 U.S. occupation, Haitian migrations, the Diaspora, the rise and fall of Duvalism, and post-Duvalier democratic experience to the present. The course will provide linguistic and cultural background with a particular view to preparing undergraduate and graduate students for service, educational, or research travel in Haiti. Different intellectual facets are explored as a vehicle to increase language competence.

3 Credits

5:00-8:30pm, MTuWThF
$990
Class No 2178

For program details, contact:
Professor Marc Prou
marc.prou@umb.edu; 617.287.6796

Chinese Language Camp

Mandarin Language Summer Camp
Bentley University, Waltham **JULY 9-27**

Available for students in grades 6-12 and taught by experienced Chinese language instructors, Mandarin Language Summer Camp offers four skill levels of Chinese, Novice Parts 1 & 2, Intermediate Parts 1 & 2 and Advanced Part 1.

This year we will focus the language curriculum around the theme of " My Family's Tour of China." With each language class sharing one theme across the board, the vocabulary, dialogue topics, camp-wide projects and activities are interconnected to facilitate students speaking Chinese to each other. Additional classroom-connected activities are Martial Arts sessions and using an interactive website for making animated cartoon strips in Mandarin!

Camp tuition: $450

Camp schedule: Monday through Friday, 9:00am-4:00pm

The application deadline is April 30.

Applications are available uc.umb.edu/china/mandarin-camp.

For more information, contact
Renee Covalucci, Associate Director
renee.covalucci@umb.edu; 617.287.7290

Winner, UCEA Innovative and Creative Program Award (2009)

Summer Institute for Teachers of Chinese

The focus for 2012 will be on integrating technology into the language classrooms in a Summer Institute at the UMass Boston Harbor Campus. At Bentley University two institutes will focus on applying 21st Century teaching methods and developing Standards-based curricula for Mandarin classrooms. Class length is noted in each course description.

Application deadline: April 30

Applications are available at **uc.umb.edu/china/teachers**.

PRFTRN 024
Integrating Technology into
Language Curriculum **July 7-July 13**

Develop curriculum using media-based planning strategies, blended learning, and digital learning portfolios students for Chinese Language classrooms.

Monday - Friday, 9:00am - 4:00pm

Location: UMass Boston Harbor Campus

$125

50 PDPs

PRFTRN 027
Standards-Based Curriculum
for Teaching Mandarin **July 15-23**

Participants will gain the knowledge and methods to write a curriculum project based on the National Standards and STARTALK lesson planning template using student-centered pedagogy, thematic and backward design and integrated assessment. Learn the methods that reach students in the 21st century!

Monday - Friday, 9:00am - 4:00pm

Location: Bentley University, Waltham, MA

$125

65 PDPs

PRFTRN 028
Field Experience for Mandarin Teachers **July 5-July 27**

Teach with experienced Chinese instructors at the UMass-STARTALK Mandarin Summer Camp for students graded 6-12. Prepare lessons, develop confidence and leadership skills; receive peer reviews on classroom management, meeting objectives and reaching goals.

Residential accommodation is available for participants living a distance of 50+ miles.

Prerequisite: Participants must have completed a UMass-STARTALK Summer Institute, a STARTALK course or course equivalent to join this course.

Monday - Friday, 9:00am - 4:00pm

Location: Mandarin Summer Camp, Bentley University, Waltham MA

$125

120 PDPs

For more information on the Summer Institute, contact:
Renee Covalucci, Associate Director
renee.covalucci@umb.edu; 617.287.7290

Winner, UCEA Innovative and Creative Program Award (2009)

University College Degree, Certificate, & Professional Training Programs

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About Online Learning

Many of the courses and programs in this bulletin—marked with the symbol—are available online. UMass Boston has been offering online courses and programs through University College for almost a decade, and our online offerings and instructors have won numerous awards. Through UMass Online, the entry point into University of Massachusetts Boston online courses, UMass Boston's online programs reach national and international markets—including China, where a 2008 agreement made the University of Massachusetts the first foreign university approved to offer online courses and degree programs in China.

If you need further information about UMass Boston online courses, contact Jason Campos (617.287.7912; jason.campos@umb.edu) or visit uc.umb.edu/dl.

Online Courses

Our online courses have been developed by UMass Boston faculty and use the **Blackboard Vista 8** course management system. Faculty receive detailed training on running courses in a virtual classroom and students electing to take online courses will find a responsive Help Desk to answer technical questions and a very dynamic online student community.

Online Degree Programs

- Post Master's Doctor of Nursing Practice
- Post Master's Clinical Nurse Specialist (CNS)
- MA in Applied Linguistics, ESL & FL Pedagogy Concentration
- MA in Critical and Creative Thinking
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- MEd in Special Ed.: Orientation and Mobility
- MEd in Special Ed.: Teacher of Students with Visual Impairments
- MEd: Specialization in Vision Rehabilitation Therapy
- RN-to-BS

Online Certificate Programs

- Critical & Creative Thinking (Focus on Creativity at Work)
- Education: Technology, Learning and Leadership
- Frank J. Manning Certificate in Gerontology
- Gerontology/Adult and Family Nurse Practitioner (NP) Post Master's
- Gerontology (Focus on Management of Aging Services)
- Global Post-Disaster Studies - Reconstruction with Vulnerable Populations
- Information Technology
- Orientation & Mobility
- Women's Leadership in a Global Perspective

Online Professional Training Programs

- Addictions Counselor Education Program
- Critical Thinking in Business
- Global Post Disaster Reconstruction and Management
- Information Design and Development
- Performance Management for Government and Non-Profits
- Project Management
- Urban Landscape & Garden Development

Degree & Certificate Programs

Each of the undergraduate and graduate programs described on pages 21-73 leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by University College.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay certain one time fees related to enrollment and graduation. Please visit uc.umb.edu/moreinfo/registration/fees/ for details.

= Program available online
= Award-winning
= More information
= Green Themed

Degree Programs

Post Master's Doctor of Nursing Practice

uc.umb.edu/degree/doctor_of_nursing

A 39-credit doctoral program, open to applicants holding a master's degree with preparation as family, gerontological, or adult nurse practitioners or as clinical nurse specialists. The DNP is differentiated from the PhD by its focus on developing graduates at the highest level of excellence in nursing practice and clinical leadership.

Contact Karen Dick (617.287.7538; karen.dick@umb.edu)

MA in Applied Linguistics: English as a Second Language and Foreign Language Pedagogy Concentrations

uc.umb.edu/degree/apling

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross-cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs.

Call 617.287.6000 or email aplingonline@umb.edu

MA Critical and Creative Thinking

uc.umb.edu/ degree/creative-thinking/

This 33-credit MA allows students to develop as reflective practitioners in any field of work, often leading to new practices that support change in education, organizational work, social settings, and arts and sciences. Our students are involved in various levels of education, business settings, performing and fine arts, communications and media, health care, sciences, non-profit and community-based organizations.

Call 617.287.7636 or email cct@umb.edu

MA Science in a Changing World

uc.umb.edu/degree/changing-world-science/

This 33-credit MA prepares students to focus on science in the context of social change or individual intellectual development. In addition to examining science and its social context, students develop valuable professional skills in research, writing, and evaluation for civic engagement, collaborative processes, and problem-based teaching around current controversies involving science and technology.

Call 617.287.7636 or email sicw@umb.edu

MEd in Instructional Design

uc.umb.edu/degree/instructional_design

This practical master's degree is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. An independent study and a field experience may be included.

Call 617.287.7749 or email instructionaldesign@umb.edu

MEd in Special Education: Orientation and Mobility

uc.umb.edu/degree/orientation_mobility/

The 37-credit online graduate curriculum is accessible across the six New England states with locally-based field experience coordinated throughout the two-year program of study. Students completing the curriculum are eligible to sit for the National Professional Certification Examination of the Academy for Certification of Vision Rehabilitation and Education Professionals.

Visit: www.nercve.umb.edu or contact the Program office at 617.287.7584 or 617.287.4385

MEd in Special Education: Teacher of Students with Visual Impairments

uc.umb.edu/degree/visual_impairments/

The Department of Curriculum and Instruction is offering a This degree leads to state licensure as Teacher of Students with Visual Impairments, after which graduates are able to apply for reciprocal licensure in each of the six New England States and each state participating in the NASDTEC interstate licensure agreement. The 37-credit online graduate curriculum and resulting degree is regionally accessible across the six New England states with locally-based field experience coordinated throughout the two year program of studies.

Winner, UCEA Innovative and Creative Program Award (2003)

Visit the Northeast Regional Center for Vision Education website at www.nercve.umb.edu or Program office at 617.287.7595 or 617.287.4385

MEd: Specialization In Vision Rehabilitation Therapy

uc.umb.edu/degree/vision-rehab-therapy/

A degree program and graduate certificate option for those who want to work in a professional setting assisting blind/visually impaired adult populations to integrate compensatory skills and assistive technology that will enable them to live safe, productive, and independent lives.

Contact Laura Bozeman (617.287.4385; laura.bozeman@umb.edu)

MS in Family Therapy

uc.umb.edu/ degree/familytherapy/

The online MS program in Family Therapy curriculum comprises basic professional counseling content and theory and provides comprehensive framework for learning family therapy. It meets the academic and clinical requirements for accreditation from the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE).

Call 617.287.6000 or email enrollment.info@umb.edu

MS in Mental Health Counseling

uc.umb.edu/ degree/schoolcounseling/

In this 60-credit master's degree, students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through the practicum and internship. The curriculum meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor.

Call 617.287.6000 or email enrollment.info@umb.edu

MS in Rehabilitation Counseling

uc.umb.edu/ degree/rehab/

In this 60-credit master's, which meets the academic requirements for national certification as a Certified Rehabilitation Counselor, students complete a series of general counseling courses and courses specific to rehabilitation counseling. In addition, students complete field experiences in rehabilitation counseling settings through practicum and internship.

Call 617.287.6000 or email enrollment.info@umb.edu

MEd in School Counseling

uc.umb.edu/degree/schoolcounseling/

This 60-credit master's degree in School Counseling, primarily online, meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship.

Call 617.287.6000 or email enrollment.info@umb.edu

MS in Gerontology (Management of Aging Services Track)

uc.umb.edu/degree/gerontology/

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population.

Winner, UCEA Innovative and Creative Program Award (2007); UCEA Outstanding Credit Program Award (2008).

Email to ellen.birchander@umb.edu or lillian.glickman@umb.edu

Online RN to BS Program

uc.umb.edu/degree/rnbs/

The online RN-BS program maximizes accessibility and convenience to a college degree for highly motivated, independent nursing professionals. The nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters.

Email to RN2BS@umb.edu or call 617.287.7500

Undergraduate Certificates

Frank J. Manning Certificate in Gerontology

uc.umb.edu/certificates/manning/

This 18-credit, four course certificate program is designed for individuals currently working in or new to the field of Gerontology. This program provides students with an understanding of the aging network and aging process through direct service, research, field placements and advocacy. The Frank J. Manning Certificate Program is designated a:

- *Program of Merit* by the Association for Gerontology in Higher Education
- *Deemed Status Provider* of Nursing Home Administrators by the Massachusetts Board of Registration of Nursing Home Administrators

Contact Mary St. Jean
(617.287.7330; mary.stjean@umb.edu)

Certificate in Gerontological Social Policy

uc.umb.edu/certificates/gerontology-social-policy/

Gerontological social policy occurs within a complex social, economic, and political context. This program is designed to prepare students to advance their careers in aging services networks and public service. The certificate coursework may be applied to the undergraduate program in Gerontology.

Contact Mary St. Jean
(617.287.7330; mary.stjean@umb.edu)

Certificate of Information Technology

uc.umb.edu/certificates/infotech/

Designed for non-College of Management or non-degree seeking students, this certificate is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications.

Contact Jean Pierre-Kuilboer, Chair
Management Science & Information Technology Department
(617.287.7868; jeanpierre.kuilboer@umb.edu)

Spanish/English Translation

uc.umb.edu/certificates/spanishtrans/

This 12-credit program has been designed to meet the worldwide demand for multilingual professionals, educators, and students. Explore the history, principles, theory, and practice of oral and written translation. Practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. Students will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.

Contact Peggy Fitzgerald
(617.287.7550; margaret.fitzgerald@umb.edu)

Graduate Certificates

Adult/Gerontology and Family Nurse Practitioner (NP) Post Master's

uc.umb.edu/certificates/nursepractitioner/

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontology, adult, or family nurse practitioner certification examination.

Contact Margaret McAllister
(617.287.7543; margaret.mcallister@umb.edu)

Now available, a 12-credit, Post Master's Clinical Nurse Specialist (CNS) to prepare for exams, credentialing and prescribing privileges. Please visit uc.umb.edu for more information.

Clinical Nurse Specialist (CNS) Post Master's

uc.umb.edu/certificates/clinical-nurse/

This 12-credit post master Clinical Nurse Specialist (CNS) is designed to assist RNs who have an MS degree in nursing with preparation as a Clinical Nurse Specialist to acquire the knowledge and clinical experience that will prepare them to sit for a national certification examination.

Contact Margaret McAllister
(617.287.7543; margaret.mcallister@umb.edu)

Applied Behavioral Analysis for Special Populations

uc.umb.edu/certificates/aba/

This five-course graduate sequence enables students to assess, design, implement and evaluate applied behavior analysis (ABA) programs by providing them with the knowledge, concepts and skills of basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Completion of all five courses will meet the coursework requirement to sit for the national Behavior Analyst Certification Board licensing examination.

Winner, UCEA Innovative and Creative Program Award (2004); UCEA Outstanding Credit Program Award (2005)

Contact Mary Brady
(617.287.7254; mary.brady@umb.edu)

Critical and Creative Thinking

uc.umb.edu/certificates/cct/

This 15-credit graduate certificate in Critical and Creative Thinking trains students to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity and acceptance of diverse perspectives.

Contact Peter Taylor
(617.287.7636, cct@umb.edu)

Database Technology

uc.umb.edu/certificates/databasetech/

This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators.

Contact Danielle Fontaine
(617.287.6441; danielle.fontaine@umb.edu)

Forensic Services

uc.umb.edu/certificates/forensicservices/

Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments.

Contact Andrea Leverentz
(617.287.6265; forensic.services@umb.edu)

Gerontology (Focus on Management of Aging Services)

uc.umb.edu/certificates/gerontology/

This graduage certificate is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new direc-tions within the field or for those looking to enter the field. Class scheduling will reflect the needs of a working student population. Students will have the option of applying the 15 hours toward the 30-hour Management of Aging Services Master's degree.

Contact Lillian Glickman (lillian.glickman@umb.edu) or Ellen Birchander (617.287.7338; ellen.birchander@umb.edu)

Global Post-Disaster Studies – Reconstruction with Vulnerable Populations

uc.umb.edu/certificates/global-post-disaster/-88

This graduate certificate program prepares professionals to see beyond immediate post-disaster conditions. The curriculum trains students to develop strategic thinking in the long-term as they view the complexities and the intertwined technical and socio-cultural aspects of disasters through a multi-disciplinary approach. These interrelated courses bring a science-based and human rights perspective to risk reduction, post-disaster reconstruction and disaster recovery.

Contact Adenrele Awotona
(617.287.7116; adenrele.awotona@umb.edu)

Instructional Technology Design

uc.umb.edu/certificates/instructional_design/

This 15-credit graduate certificate program is designed to meet the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

Call 617.287.7749 or email instructionaldesign@umb.edu

Education: Technology, Learning and Leadership

uc.umb.edu/certificates/technology-education/

The Technology, Learning and Leadership certificate program is designed for practicing and aspiring teachers whose aim is to innovate, understand, and critically examine when and how to actively engage their students while integrating technology. Through considering technology and pedagogy together, teachers will be able to bring new skills, insights, and reflections to their current or future classrooms. Overall, the certificate seeks to encourage teacher understanding of the applications of technology in the classroom, ultimately moving their students toward successfully participating, learning, and working in a 21st Century world.

Contact Donna DeGennaro
(617.287.7690; donna.degennaro@umb.edu)

Orientation and Mobility

uc.umb.edu/certificates/orientationmobility/

The 19-unit sequence is designed for vision teachers or other vision professionals for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/Blind).

Contact Robert McCulley, Program Coordinator, at 617.287.7623, or Glenn Mitchell, Academic Advisor, at 617.287.7620

Teaching of Spanish

uc.umb.edu/certificates/teachingspanish/

This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish. The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

Contact Peggy Fitzgerald
(617.287.7550; margaret.fitzgerald@umb.edu)

Teaching of Writing

uc.umb.edu/certificates/teachingwriting/

This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing.

Contact Glenn Mitchell, Site Director for the Boston Writing Project (tel. 617.287.7620, fax 617.287.7664)

Women's Leadership in a Global Perspective

uc.umb.edu/certificates/women-leadership/

Keeping the role of gender in politics and policy making is central to the program's design, goals, and curriculum. The six interconnected courses provide students with a comprehensive understanding of the development of women's leadership around the world. Candidates for this leadership development program include women from countries in a democratic transition process.

Carol Hardy-Fanta, Director, Center for Women in Politics & Public Policy. (tel. 617.287.5541; fax: 617.287.5566; cwppp@umb.edu)

Women in Politics and Public Policy

uc.umb.edu/certificates/wippp/

This program prepares women for careers in politics, policy-making, public and non-profit management, research, planning and the law. It offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and substantive internships tailored to students' policy interests and profes-sional goals. Intensive advising and professional development workshops are an important component of the program.

- Progress in Equity Award, Honorable Mention, AAUW (2005)
- Winner, UCEA Innovative and Creative Program Award (2005)
- UCEA Outstanding Credit Program Award (2006)
- Progress in Equity Award, AAUW Massachusetts (2008)

Contact program staff at pwppp@umb.edu or 617.287.6732

Professional Training & Non-Credit Programs

University College's **professional training programs** address the educational needs of working professionals who need to acquire specialized knowledge and skills in their field, or who want to prepare themselves for a new career, but who do not need a degree or credit certificate. We offer these programs in fields ranging from substance abuse treatment to urban landscape development.

Our other non-credit programs include our highly successful English as a Second Language programs, which have been offering ESL courses in a variety of formats for over fifteen years, as well as our Graduate Test Preparation courses, which have recently expanded to include a Massachusetts licensure preparation course for K-12 teachers.

Please use the Non-Credit registration form when registering in these courses.

= Program available online · = Award-winning
= More information = Green Themed

Addictions Counselor Education Program

uc.umb.edu/acep/

The Addictions Counselor Education Program (ACEP) offers the highest quality education to persons seeking to begin or advance their careers in the treatment of alcohol and chemical dependence. The program consists of six core courses plus practicum. Depending on their previous educational experience, students may need to complete two additional courses in order to meet licensure requirements.

ACEP is offered in both online and classroom formats, with classes meeting either at the UMass Boston campus or at sites in Plymouth and Framingham. Students can begin the program in either the fall or spring semester. Program coordinators at each site will assist students with their practicum and career planning. Online students can design their path of study based on their individual needs; online courses are offered each semester, and students are welcome to join these online courses in any semester.

Contact Reca Quarles (617.287.7900, reca.quarles@umb.edu).

Critical Thinking in Business

Next offered Fall 2012

Critical Thinking in Business **PRFTRN 080**

This course provides professionals with critical thinking skills for decision making, problem solving, marketing and sales, understanding customers' perspectives, cause and effect relationships, and detecting flaws and biases in one's thinking. This is a highly interactive course that includes collaborative learning activities and focuses on real business problems based on participants' experiences.

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

Global Post-Disaster Reconstruction and Management Certificate

uc.umb.edu/corporate/disaster-reconstruction/

Offered in collaboration with The Center for Rebuilding Sustainable Communities after Disasters (CRSCAD) at the John W. McCormack Graduate School of Policy and Global Studies.

This non-credit certificate program offers topics in the theory and practice of disaster preparedness, mitigation and post-disaster reconstruction. It also presents a unique opportunity for participants of various accreditations to develop not only an expertise in a variety of components of post-disaster recovery and reconstruction, but also the broader skills associated with project and performance management that can be utilized in a wide array of faculties. The aim is to develop a national and international capacity to address the horrendous consequences of the various forms of disaster which millions of people face every year, everywhere.

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

Green Business Practices

Next offered Fall 2012

How To Green Your Business and Other Organizations **PRFTRN 091**

This course covers three areas that address how to make organizations more environmentally friendly:

- The context for greening organizations by studying the major environmental issues today: climate change, looming water shortages, ocean degradation and the build-up of synthetic chemicals in the environment. You will also study a topic of your own choosing in greater depth.
- How to reduce your own environmental footprint to understand how to green organizations.
- How and why to green businesses.

Also included is a field trip to a business that has greatly improved its environmental performance. You will see the changes that the business made and attend a lecture by the business's environmental champion, Dan Ruben.

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

Human Resource Management

uc.umb.edu/corporate

Next offered Fall 2012

The certificate program in Human Resource Management is a two-semester program designed for those seeking an overview of the human resource function and its strategic role in today's organiza-tions. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

Information Design and Development Certificate

uc.umb.edu/corporate

Next offered Fall 2012

This non-credit, online certificate program offers the fundamentals required for technical communication in the high-tech industry, as well as more advanced topics for developing and delivering effective technical information.

Content areas include: Designing and developing content, user assistance, software and online authoring tools, programming languages, project management, and business practices.
The program consists of four required courses, two electives, and an optional internship.

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

Performance Management

Performance Management in Government and Non-Profits **PRFTRN 093**

This course explores what performance management means and how government agencies and non-profits can adopt this management approach. The course shows how to develop skills to refine the way goals and strategies are articulated so that they can be effectively measured, and to select practical performance measures. The course also covers how to identify target audiences, present data clearly, and analyze and use data to improve performance. The course consists of six online modules.

ONLINE
July 15 – Aug 25
Course fee: $700; Class No: 1309
Course fee: $600 for municipal, state, and federal employees; Class #1310

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

Project Management

uc.umb.edu/corporate

Next offered Fall 2012

Practical Project Management

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on The Project Management Body of Knowledge®, this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

Urban Landscape and Garden Development Certificate

uc.umb.edu/corporate/urbanlandscape

Next offered Fall 2012

This non-credit, online certificate program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces. Special attention will be given to community gardens and the knowlege to create and maintain them.

Content areas include: History of urban landscape design, horticulture, site planning, sustainable design (including water management), and development of community participation. The program consists of four required courses, two electives, and a required internship. Upon completion of each course, you will receive 3.5 CEUs.

Contact Shona Jackson
(617.287.6934, email shona.jackson@umb.edu)

English as a Second Language (ESL)

uc.umb.edu/esl

The programs in English as a Second Language offered by University College are designed for individuals seeking to communicate more effectively in English and improve their performance in professional, academic, and social environments.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

ESL Students - You must register in person with Susan Griffin, 617.287.7278. Office: Wheatley Hall, W-1-003.

Assessment and Course Placement

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

For evening programs, the assessment session is completed at the first scheduled class meeting. For full-time programs, the assessment process is more comprehensive. Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. Formal classes begin only after the orientation period.

Intensive English Programs

Classes take place Monday through Friday between 9:00am and 4:00pm, for a total of 20-24 hours per week. Participants are placed in classes appropriate to their level of proficiency after initial assessment and orientation sessions.

UMass Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

University Preparation — ESL-NC 002

Participants seeking university placement enroll in University Preparation. Coursework includes subject matter typical of the university, and training in academic skills is offered, including note-taking; listening to academic lectures; academic writing and research; oral presentations; critical and creative thinking; and time-management. In addition, TOEFL test preparation and assistance in the college admission process are offered. Advanced students may audit regular university classes by special permission. Computer lab time is scheduled for participants who wish to develop their "e-literacy" and computer skills, including presentation skills, building web pages, web-based research, and word-processing skills.

Participants enjoy full access privileges to the educational resources of UMass Boston, including use of the library, computer labs, fitness centers, and health clinic.

May 29-Aug 17
MTuWThFr, 9:00am-4:00pm
Course fee: $3,043

Graduate Test Preparation

uc.umb.edu/testprep/

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the GMAT, GRE, LSAT, and MTEL. Intensive classroom sessions cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. Throughout the year, all courses meet at our main campus in Boston.

Review for the Graduate Record Examination (GRE) TESTPREP 001

We offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For further information, please call 800-GRE-CALL.

UMASS BOSTON
May 8-June 14
TuTh, 6:00-9:00pm
J. Normant & N. Argento
Class No 1255
Course fee: $575

Review for the Graduate Management Admission Test (GMAT) TESTPREP 002

We offer regularly scheduled prep courses; however, the GMAT exam is available only online at designated centers. For further information, please call 800-GMAT-NOW.

UMASS BOSTON
Apr 14-May 19
S, 8:00am-2:00pm
A. Popov, Class No 1258
Course fee: $600

UMASS BOSTON
Jul 14-Aug 18
S, 8:00am-2:00pm
A. Popov, Class No 1381
Course fee: $600

Review for the Law School Admission Test (LSAT) TESTPREP 003

This course is designed to prepare students to succeed on the Law School Admissions Test (LSAT) through a mixture of lectures, intensive practice, and close examination of LSAT questions. Please consult **www.LSAC.org** for details or to register for the test.

Test Date: June 11, 2012

UMASS BOSTON
May 1-Jun 7
TuTh, 6:00-9:00pm
M. Neusse, Class No 1259
Course fee: $575

Math Refresher Course TESTPREP 004

For those who are either math-phobic or interested in refreshing their math skills—for GMAT and GRE prep courses and exams, and other professional or educational endeavors—this course offers a review of the fundamentals of arithmetic, algebra, and geometry.

UMASS BOSTON
Apr 23-May 9
MW, 6:00-9:00pm
M. Sheinfeld, Class No 1261
Course fee: $250

UMASS BOSTON
Jul 16-Aug 1
MW, 6:00-9:00pm
M. Sheinfeld, Class No 1383
Course fee: $250

Call 617.287.7900 for more information.

Math and Literacy Reviews for MTEL

Approach the MTEL with confidence.

Intensive MTEL Review courses are designed to prepare students to succeed on the Massachusetts Tests for Educator Licensure (MTEL). Each module includes a lesson, resources, strategies, quizzes, and practice problems with detailed explanations, a test and full length practice exams.

Please include a valid email address when registering for these courses. This will be the primary means for the instructor to contact you.

Contact: Marytd@alum.mit.edu

Intensive Math Review for MTEL 03 and Beyond — TESTPREP 005

This course is designed to prepare students for the new mathematics subtest of the MTEL General Curriculum 03 exam. It covers all the essential topics to develop a deep understanding of math fundamen-tals including functions, algebra, geometry, statistics, probability, word problems, graphing, solving equations, and operations.

ONLINE
June 10-Aug 18
M. Stephens, Class No 1384
Course fee: $450

Intensive MTEL 47 Middle School Math Review — TESTPREP 007

This course is designed to prepare students for the MTEL Middle School Math 47 exam. Covered are all the essential topics to develop a deep understanding of math fundamentals including functions, algebra, geometry, statistics, probability, word problems, graphing, solving equations, trigonometry, calculus, and discrete math.

ONLINE
June 10-Aug 18
M. Stephens, Class No 1385
Course fee: $450

Intensive Review for the MTEL Writing Subtest - Communications and Literacy — TESTPREP 008

This course prepares students for the Writing Subtest of the MTEL Communication & Literacy Exam. The course covers the essential topics required to succeed on the exam, including spelling, punctuation, and grammar; effective sentence and paragraph construction; English usage conventions; and the fundamentals of good essay writing.

ONLINE
June 10-Aug 18
M. Stephens, Class No 1386
Course fee: $275

Intensive Review for the MTEL Reading Subtest - Communications and Literacy — TESTPREP 009

This course prepares students for the Reading Subtest of the MTEL Communication & Literacy Exam. The course allows students to strengthen reading comprehension skills by focusing on areas of weakness while getting a fast-paced refresher of those areas they are comfortable with. The content covers all the essentials required to succeed on the exam, including reading comprehension and critical reading skills, and intensive vocabulary review.

ONLINE
June 10-Aug 18
M. Stephens, Class No 1387
Course fee: $275

Centers, Consortia & Institutes

The initiatives on these pages represent some of the ways in which University College expands the reach of UMass Boston's mission, forming connections with other educational institutions and audiences—whether locally, regionally, or internationally—in fields ranging from information technology to Chinese language and culture.

= Award-winning · = More Information

= Green Themed

Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation-funded Center of Excellence working to develop and promote a coordinated, self-sustaining regional education and workforce development system for IT —one that will attract a diverse student population to IT and IT-enabled careers, promote lifelong learning of technical skills, and support the technology workforce needs of the region. BATEC is a partnership of UMass Boston, six community colleges, and thirty high school districts, although our events are open to educators from across all regions. Our partners are transforming education to develop the new IT professional for the 21st century by developing curriculum, providing professional development experiences for educators, attracting and advancing a diverse population of technology students, and connecting education, industry and community to promote mutually beneficial partnerships that support career development, lifelong learning and regional economic growth.

Winner, UCEA Innovative and Creative Program Award (2005); UCEA Outstanding Non-Credit Program Award (2006).

Contact Deborah Boisvert (tel 617.287.7295, deborah.boisvert@umb.edu), or visit www.batec.org.

Center for Innovation and Excellence in eLearning

The Center for Innovation and Excellence in eLearning (CIEE) promotes, encourages and sponsors the study of eLearning in the university, corporate, and public sectors.

Housed within University College at UMass Boston, and working hand-in-hand with the five other campuses in the University of Massachusetts system, the center serves as a linchpin for research and critical thought on eLearning in its many forms, including online education, mobile learning, and multimedia education.

CIEE will publish a peer-reviewed research journal for the academic community, disseminating new research related to eLearning.

For more information, contact:
Alan Girelli, Interim Director; alan.girelli@umb.edu

China Program Center

The China Program Center at the UMass Boston seeks to advance scholarly and business collaborations between China and America through innovative programs including practical training, trade missions, government exchanges, and joint academic ventures. The Center provides tools needed to build successful American-Chinese joint ventures, bringing business and cultural knowledge about the two countries to its audiences through innovative academic courses, training sessions, internships, workshops, and mentorships.

The Center addresses critical needs both for Chinese audiences (global leadership skills, university faculty training, and degree programs) and for American audiences (knowledge of how to do business in China, China-based cultural programs, and courses on best practices in the teaching of Mandarin).

Winner, Associated Industries of Massachusetts Global Outreach Award (2004)

Contact Wanli Hu (617.287.7292, wanli.hu@umb.edu)

Confucius Institute for Chinese Language and Culture

The University of Massachusetts Confucius Institute at UMass Boston was established in collaboration with Renmin University of China and The High School Affiliated to Renmin University of China, with the sponsorship and authorization of Hanban, the Office of Chinese Language Council International, under the Ministry of Education, China.

The mission of the Confucius Institute is to promote understanding of Chinese language and culture in the communities served by the University. Through courses, conferences, travel, and cultural events, the Institute will provide opportunities for cultural exchange and collaboration between the US and China.

Chinese Language Instruction

Credit courses which intertwine language instruction with cultural awareness, serving students at all skill levels from basic Mandarin for business and travel to more advanced study.

Seminars in Chinese Culture

Cultural seminars that illuminate topics such as the Chinese political system, economic development, values and etiquette, philosophy, and Confucianism in management.

Programs for Teachers of Chinese

Teacher training programs, American cultural awareness training, and professional workshops for teachers of Chinese.

Conferences and Forums

Conferences and forums organized by the Institute will offer platforms for communication between educators and business people from both countries.

Travel

Tours that will bring students, educators and business people from the US to China and from China to the US, providing opportunities to strengthen language skills through immersion and deepen cultural awareness through direct experience.

Contact: Baifeng Sun, Associate Director (tel: 617.287.7291; fax: 617.287.7297; baifeng.sun@umb.edu). For updated programming information, visit confucius.umb.edu.

Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of Massachusetts higher education and research institutions whose mission is to increase understanding of coastal and marine ecosystems and to promote policies that protect aquatic resources.

The consortium teaches evening undergraduate courses in marine/aquatic sciences and environmental management.

Academic Program

Our academic program offers classes in marine and aquatic sciences, environmental policy, and environmental management. Our Biology of Fishes course is offered at the New England Aquarium. It may be the only ichthyology course in the world where students use the resources of a major aquarium at every class meeting. Other courses, such as Whale Biology and Conservation, Water Resources Management, and Maritime History of New England, are offered nowhere else in New England at the undergraduate level. Courses are held during the evenings on the campuses of our member institutions.

Visit www1.assumption.edu/msc/about.html or call 617.817.0740.

General Information

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Contact Information & Directions

University College Office

The University College office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular office hours are: Monday through Thursday, 8:30am-5:00pm; Friday, 8:30am-4:30pm.

General Information

Reca Quarles 617.287.7900
uc@umb.edu

Registration

Registration Info Line 617.287.6200
(for information only)
Registration Fax Line 617.287.7902

Academic advising

Ed Zaleskas 617.287.7900
edward.zaleskas@umb.edu

Degree and Certificate Program Information

Distance Learning

Jason Campos 617.287.7912
jason.campos@umb.edu

International Programs

Susan Griffin 617.287.7278
susan.griffin@umb.edu

Field Study & Programs on Nantucket

Elaine Sullivan 617.287.7915
elaine.sullivan@umb.edu

English Language Study

Andrea Mason 617.287.7876
andrea.mason@umb.edu

Corporate/Professional Training

Shona Jackson 617.287.6934
shona.jackson@umb.edu

Getting to UMass Boston

umb.edu/parking_transport/directions.html

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the National Grid tank). Follow Morrissey Boulevard northward to the campus.

Parking

Full details about parking availability and rates, as well as a detailed map of the campus, are available on the Parking Dept. website. Visitors may also obtain automated information at 617.287.5040, or call Customer Service at 617.287.4000.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. MBTA Bus #41 stops at the JFK/UMass Boston train station, where students can then board the shuttle bus. For more information, visit umb.edu/parking_transport/public.html or call 617.287.5040.

Offices, Services & Resources

Athletics

beaconathletics.com

Catherine Forbes Clark Athletic and Recreation Center 617.287.7801, M-F 9:00am-5:00pm (open recreation hours change monthly).

Beacon Fitness Center M-1, 617.287.6786; M-Th 6:00am-9:00pm, F 6:00am-8:00pm, S 11:00am-4:00pm

A current, valid UMass Boston ID is required for entrance to all University athletic facilities.

Bookstore

umb.bkstr.com

Campus Center UL, 617.287.5090; M-Th 8:30am-6:30pm; F 8:30am-4:30pm.

Extended summer hours will be available as a pre-recorded message prior to the first week of classes and can be viewed on the bookstore website.

Cafeteria

umb.edu/campuscenter/student_facility_dining.htm

The Campus Center features cafeterias on the 1st floor and Upper Level. Visit the Dining Services home page for summer hours.

Child Care Center

270 Mount Vernon St., 617.287.6195, M-F 7:30am-5:30pm

If space allows, child care is available to summer students at UMass Boston. Children between the ages of 15 months and 6 years are eligible.

Computer Labs

umb.edu/it/tech/labs

Central Computer Center, Healey Library UL, 617.287.5220. Summer session hours: M-Th, 8:00am-9:00pm; F, 8:00am-5:00pm. The facilities are open to summer students who present a valid summer session ID card and proof of summer registration.

Adaptive Computer Lab

Healey Library, LL-019, 617.287.5227. The Adaptive Computer Lab provides computer access for students, faculty, and staff with disabilities.

Disability Services

rosscenter.umb.edu

Campus Center-UL-211, 617.287.7430; M-F 8:30am-5:00pm; other hours by arrangement.

The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. Online students with disabilities should contact the Ross Center if accommodation is needed in an online course.

Emergency Cancellations

umb.edu

The University will announce emergency cancellations beginning at 6:00am at the URL above. The University main telephone line, 617.287.5000, will carry a taped announcement when the University is closed or opening late. Radio stations WUMB-FM (91.9), WBZ-AM (1030), and WRKO-AM (680), and television stations WBZ-TV (Channel 4), WCVB-TV (Channel 5), WHDH-TV (Channel 7), and FOX 25 will also carry cancellation announcements 6:00-7:00am, Monday through Saturday. Decisions about cancellations at off-campus sites are made by the local facility, not by the University. Students taking classes at off-campus sites should listen for radio announcements concerning the closing of those locations.

Financial Aid Services

umb.edu/students/financial_aid

CC-4; 617.287.6300; M-Th 8:30am-5:00pm; F 10:00am-4:00pm.

Student loans for summer session are available to UMass Boston students enrolled during the spring in an eligible degree or certificate program. Students should call or visit the Financial Aid Services office in April for further details. All other students should explore aid possibilities with the financial aid offices at their own institutions. Note: Financial aid is not available for non-credit programs, except for the Alcohol/Chemical Dependency Treatment Services Program. Students may apply for a Sallie Mae loan for this program only.

Educational benefits offered through the Veterans Administration may be used during the summer session. Veterans should contact the Office of Veterans Affairs to determine their eligibilty.

For information on Sallie Mae loans, go to **www.salliemae.com** or call 617.287.7907.

Health Service

healthservices.umb.edu

University Health Services in the Quinn Administration Building offers outpatient medical care, counseling, health education, and mental health programs for all enrolled students.

Please visit the Health Services website or call 617.287.5660 for summer hours and other information.

Housing Referral Service

umb.edu/students/housing

CC-3-3400; 617.287.6011; M-Th 9:00am-5:00pm, Friday, 10:00am-4:00pm

The University's Housing Referral Service, which operates free of charge, maintains listings of Boston-area rooms, apartments, and houses for rent, and listings of students looking for roommates.

Library

lib.umb.edu

Joseph P. Healey Library, 617.287.5900; M-Th, 8:00am-11:00pm; F, 8:00am-7:00pm; S 9:00am-5:00pm; Su, 11:00am-7:00pm. Hours may vary during holidays, intersessions, and vacations; for current hours and other assistance please call the number above.

For information on access to library resources for online students, visit uc.umb.edu/dl and click on "Frequently Asked Questions."

Public Safety

publicsafety.umb.edu

Administrative Office and Communications Center, Quinn-Plaza Level, 617.287.7799. For routine service requests for police and security services, dial 617.287.7799, 7.7780, or 7.7781.

For emergencies on campus, dial 911 (cell phones: 617.287.7777)

Sailing Program

umb.edu/umb/marineops/recreational/

Fox Point Pavilion, UMass Boston Campus, 617.223-1153 or boatinginfo@BoatingInBoston.com;

UMass Boston and B&G Outdoor Recreation offers sailing instruction free to currently enrolled full-time students, from April through October. Sea kayak and sailboat rentals are also available to students. Please visit the website listed above for complete details on membership benefits, rental options and restrictions.

Student Email

umb.edu/it/comm/mail/student_email.html

All students receive a default email account through which the university will convey important notices and messages. It is essential that students thoroughly familiarize themselves with usage of this account.

Student Life Office

umb.edu/student_affairs/studentlife

CC-3-3404, 617.287.7950; M-F, 9:00am-5:00pm

The Student Life Office presents a variety of social and cultural summer programs, sells discounted movie tickets and more.

Summer Student ID Cards

umb.edu/student_affairs/studentlife/id.html

Student Life Office, CC-3-3401, 617.287.7957; M-F 9:00am-5:00pm.

ID cards are required for the use of such facilities as libraries, the Clark Athletic Center, all Computer Labs on campus. The ID also gives you free membership at the Beacon Fitness Center; free admission to the JFK Museum Library and the Museum of Fine Arts; discounted tickets to cultural events, movies and more.

Please visit the URL above for ID prices and for documents required at the time you request your ID. Current UMass Boston students taking summer courses need only present their ID card at the office to obtain a summer validation sticker.

Tutorial Services

academicsupport.umb.edu

Office of Academic Support Programs, CC-1-1300, 617.287.6550; M-F 9:00am-5:00pm.

Veterans Services

CC-4-4100, 617.287.5875; M-F 8:30am-5:00pm

Assistance is available to veterans in obtaining their educational benefits and resolving related problems.

Academic Information

Eligibility for Enrollment

Undergraduate courses

UMass Boston undergraduate credit courses are open to: 1) students who may be considering matriculation into a degree program at UMass Boston or elsewhere; 2) students matriculated at other institutions who will use UMass Boston credits to meet degree requirements at their home institutions; and 3) matriculated UMass Boston students. Anyone who has graduated from high school or who has earned a high school equivalency certificate is invited to begin or continue taking courses at UMass Boston. Please see the regulations below governing academic retention standards for matriculated and non-matriculated students.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work.

Specific CLA/CSM Requirements

The College of Liberal Arts (CLA) and College of Science and Mathematics (CSM) establish the General Education portions of their graduation requirements. For complete information on these requirements, please consult umb.edu/academics/undergraduate/office/gened/gened.html.

Many courses described in this publication fulfill CLA and CSM distribution requirements, as indicated by a note following the course description. Although they are open to non-matriculated students, all of these courses meet specific requirements for matriculated CLA and CSM students. To be sure of taking distribution courses that will meet their degree requirements, all CLA and CSM matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (Campus Center, 1st floor, room 1280; 617.287.5500).

Courses whose numbers are followed by "G" are First-Year or Intermediate Seminars that count towards the critical analysis requirement of the CLA/CSM General Education curriculum.

Materials concerning the CLA/CSM writing proficiency requirement are available from the Core Curriculum Office, CC-2-2100; 617.287.6330.

Courses that meet the CLA/CSM diversity requirement are identified in a note following the course description.

College of Management

umb.edu/academics/cm/

Undergraduate Courses

The College of Management (CM) offers courses in the Management major in four main areas: Accounting and Finance, Business Communications, Management and Marketing, and Management Science and Information Systems; and offers courses in the Information Technology major jointly with the College of Science and Mathematics. Eligibility for enrollment is outlined below:

1. Any CM student may register for any CM course provided all prerequisites have been met.

2. The following courses are open to non-CM and non-degree students beginning March 26: AF 201; MSIS 105, MSIS 123 and MSIS 223. The following CM undergraduate courses ONLY will be opened to non-CM and non-degree students beginning May 7 on a space-available basis, provided that all prerequisites have been met: BC 230, BC 290, AF 210, AF 301, MGT 303, MKT 301, MSIS 110, MSIS 212. If a course is not listed here, it is not open to non-management and non-degree students.

Students in the CM Partner Programs can register for necessary CM courses on April 23. Please see the CM website for a list of CM Partner Programs.

3. Non-degree students will need a current official college transcript, a course description of the prerequisite course taken and, if applicable, verification of current registration in prerequisite courses. This material is reviewed and approved by the CM Undergraduate Program Office (McCormack Hall, 5th floor, room 603). Student wishing to register in person should call the Undergraduate Program Office at 617.287.7760. The office is open M-Th, 8:30am-6:00pm, F 8:30am-5:00pm.

umb.edu/academics/cm/ug_programs/options_for_non_majors/

4. CM courses will have waitlists once they fill.

Graduate Courses

Students who have not formally been admitted into UMass Boston graduate programs may enroll in graduate courses offered through UC, providing they hold a bachelor's degree and meet course prerequisites.

MBA Note of Exception: Non-degree students are required to officially apply to the Graduate College of Management first, prior to requesting permission to enroll in Business Administration courses.

Some courses require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Applied Linguistics	617.287.5760
Applied Sociology	617.287.6252
Boston Writing Project	617.287.7665
Business Administration	617.287.7720
Clinical Psychology	617.287.6340
Computer Science	617.287.6440
Counseling	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
English	617.287.6700
History	617.287.6860
Instructional Design	617.287.5980 or 7600
Nursing	617.287.7500
Public Affairs	617.287.5543
School Psychology	617.287.7602 or 7600
Spanish	617.287.7550
Special Education	617.287.7620 or 7600
Teacher Education	617.287.7625 or 7600

Prerequisites and Permission

It is the responsibility of students to meet course prerequisites. If you are uncertain about whether you have met a prerequisite, you should contact the appropriate academic department or program.

Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the Registration Information line at 617.287.6200. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form.

Diagnostic Testing

uac.umb.edu/testing

Free diagnostic tests for English (for non-native speakers) and mathematics courses are held in the Testing Center, University Advising Center, CC-UL-133; 617.287.5522. Tests are on a walk-in basis, during posted dates and times.

Advising

Academic advising is available during the day by appointment, at the University College office, W-2-203. For more information, call Reca Quarles at 617.287.7900.

Auditing

uc.umb.edu/moreinfo/academic/auditing

The auditing of certain courses is allowed for graduate students only and requires permission of the instructor; permission is granted on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form. Students may not change their registration from credit to audit or from audit to credit. The auditing fee is the same as the course fee. Inquiries concerning the auditing of courses should be directed to the Registrar's Office, 617.287.6200.

Withdrawing from Courses

uc.umb.edu/moreinfo/academic/withdrawing

Any student withdrawing from a course after the drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the One Stop; students may also withdraw from a course using the WISER student self-service system (wiser.umb.edu). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 4:00pm on the day of the withdrawal period deadline (see Academic Calendar) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Grades

Grades are reported by instructors in numerical values for grades A through F (i.e. A=4.0, B=3.0 C=2.0, etc.) Instructors may report a grade of "Inc" if personal circumstances of extreme difficulty, such as serious illness, have kept a student from completing a portion of his or her required class work or from taking a final examination, or if an Incomplete is warranted for scholarly reasons. If a student's record is such that he or she would fail a course regardless of the quality of work yet to be done, an "F" will be reported.

A student can obtain credit for an Incomplete taken in the summer term only by finishing the work of the course by the end of the following summer term. If the work is not completed by this time, the grade will be changed to an "F." The initiative for removal of the Incomplete grade rests with the student.

An incomplete on a final grade report is not represented in the student's temporary grade point average. When the incomplete is later converted to a grade, the average is calculated again and the student is notified.

Once a grade is submitted, it cannot be changed except by approval of the department chairperson.

Non-attendance does not constitute withdrawal.

Pass/Fail Option

uc.umb.edu/moreinfo/academic/passfail

Many courses may be taken on a pass/fail basis. The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five units cannot be taken pass/fail.

It is the student's responsibility to decide whether a Pass/Fail option is appropriate for a particular course. Please consult the URL listed above for further details about electing for a Pass/Fall grade and the steps required to request this option. .

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Academic Standing

uc.umb.edu/moreinfo/academic/standing

Students enrolled in University College courses must maintain a required 2.00 cumulative average to be considered in Academic Good Standing. With any subsequent semesters in which the cumulative average falls below 2.00 GPA, University College follows University policy by issuing alerts and actions as outlined on our website at the URL listed above.

Internships and Cooperative Education

College of Liberal Arts

umb.edu/academics/cla

The departments of Political Science, Psychology and Sociology offer credit for internships and cooperative education sections during the summer. Only matriculated UMass Boston students may register, and each department has its own requirements. For further information, contact:

Political Science:
Prof. Paul Watanabe, 617.287.5652 (paul.watanabe@umb.edu)

Psychology Internship:
Prof. Kathryn Kogan, 617.287.6424, (kathryn.kogan@umb.edu)

Psychology Field Placement:
Abbey Eisenhower, 617.287.6334, (abbey.eisenhower@umb.edu)

Sociology: Prof. Ed Stern, 617.287.6250 (internships only)

College of Management

management.umb.edu/careerservices/internshipscoops

The internship course is designed for College of Management students who want to earn academic credit for their internship. To earn academic credit for an internship, students must attend class and complete the required assignments.

To be registered for the course, students must complete the Internship Course Registration Form (which is available in the CM Undergraduate Program Office or online here: www.management.umb.edu/undergrad/undergrad_forms.php). If students need assistance obtaining an internship placement, they should contact the CM Career Services Office at 617-287-7712.

Independent Study

Only matriculated UMass Boston students may register for Independent Study.

With the approval of the department and the satisfaction of any departmental prerequisite(s), students can register for independent study through University College at normal University College course fees.

Transfer Credit

uc.umb.edu/moreinfo/academic/transfer/

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in University College credit courses should contact their college or university concerning specific transfer requirements. Please refer to the URL above for additional details.

Transcripts

Requests for official transcripts must be submitted in writing to the Office of the Registrar, University of Massachusetts, 100 Morrissey Blvd, Boston, MA 02125. Students may present their written requests in person at the One Stop, Upper Level Campus Center, by fax at 617.287.6242, by mail, or by using the WISER system, wiser.umb.edu.

Fees & Payments

Course Fees

Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	$330 per credit
Graduate	$460 per credit

In some cases a course fee may be calculated differently because of special costs or a subsidy.

Lab Fees

Lab fees must be paid for certain courses, as indicated in the course matrix to the right of the course fee.

Combined Mandatory Summer Fee $160

The combined mandatory fee supports programs, activities, and campus facilities beneficial to students, including the following: University Health Services, Athletics, Student Activities, Campus Center operations, and Technology. This fee does not apply to students taking *only online or off-campus* classes.

Service Fees

The following fees are paid only by students to whom the specified conditions apply:

Records Fee (for non-matriculated students)	$10
Returned Check or e-Check fee	$25

Degree and Certificate Program Fees

Certain mandatory fees are paid only by undergraduate and graduate students seeking to matriculate in a UMass Boston degree or certificate program. Please visit the Bursar's website and link to 'Other Fee Information' for a detailed breakout and explanation of these fees:

http://umb.edu/administration_finance/bursar/tuition_fees.html

Payments

uc.umb.edu/moreinfo/registration/payment

Students may use the following methods to make payment:

Check

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check/e-check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

E-check

Tuition and fees can be paid online by E-Check, or Automated Clearing House (ACH), from your checking or savings account. This type of payment results in an electronic debit of your bank account. ACH payments are not subject to a convenience fee. Bank information like routing number, account number, student ID number, and email address are required to complete an ACH payment.

Credit Card

UMass Boston no longer accepts direct credit card payments for course and service fees. If you wish to pay with a credit card, you may do so through SallieMae®, MasterCard, Discover, or American Express cards can be used (Visa cards are not accepted). A service fee (2.50% at the time of this publication) will be charged by SallieMae® on each credit card transaction. Instructions and links for this payment method can be found at wiser.umb.edu.

Cash

After you have enrolled, cash payments can made at the Bursar's Office, Campus Center, 4th floor.

Office hours: M-Th, 8:00am-5:00pm, F 8:00am-4:00pm.

Payment by Outside Agencies

If the student's charges are to be paid by an outside agency, a payment authorization from that agency is required. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Refund Policy

uc.umb.edu/moreinfo/registration/refund

Credit courses

A student who drops a credit course will be granted a refund according to the dates listed in the Academic Calendar. Non-attendance does not constitute dropping a course. Students dropping a course may either file a Change of Registration/Refund Request Form at the One Stop or drop the course online at wiser.umb.edu.

Note: International and field study programs have a different refund policy. For details, call 617.287.7278.

Non-credit programs

Regularly scheduled non-credit programs

Refunds will be granted on the following basis to students withdrawing from programs which meet on a regular (in-person) schedule:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

In the case of programs that have 5 or fewer class meetings, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Online and 'By Arrangement' non-credit programs

Refunds will be granted on the following basis to students withdrawing from programs designated as online or 'By Arrangement':

Withdrawn on or before 7 days after the start of class:	100% refund
Withdrawn on or before 14 days after the start of class:	50% refund

No refunds will be granted after the 14th day.

In the case of programs that meet for less than 2 weeks, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Refund Procedure

The amount of a refund is computed on the basis of the date the refund request is received by the One Stop (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment by credit card through SallieMae®, the refund will be returned as a credit to the cardholder's account. Lab fees are not refundable after the first lab meeting.

University College no longer mails refund checks to students. The Bursar's office sends an email to the student's UMB account, informing them that their check is available for pickup. Students have the option of requesting that their check be mailed; this request must be made in writing to the Bursar.

Note: If your University account has a balance, your refund will be applied to this balance until it is paid in full.

Course Fee Waiver Policy

uc.umb.edu/moreinfo/registration/waiver

University College will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Course fee waiver policies apply only at the standard rate of $330 per undergraduate credit and $460 per graduate credit. Thus, in the case of a course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full.

Original course fee waivers must be submitted directly to Bursar's Office.

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.

2 The course for which the waiver is being used must be a credit-bearing course.

3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office located on the 4th floor of the Campus Center (tel. 617.287.5875).

Please Note: The new University of Massachusetts Welcome Home Waiver Program offered to Massachusetts veterans of the Iraq and Afghanistan conflicts does not apply to University College courses.

Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration. This benefit also applies to full-time employees of Essex Agricultural and Technical High School.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

University College cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

Waivers may not be used for MUSIC 185 Private Music Lessons and other special courses.

Please Note: Due to changes in University policy, University College no longer grants waivers to senior citizens.

Registration

When to Register

summer.umb.edu

Please refer to the Academic Calendar in this bulletin or on our website for important dates and deadlines.

How to Register

Returning students

wiser.umb.edu

If you are a matriculated UMass Boston student or have taken UMass Boston courses before, please use the WISER online self-service registration system.

New Students

If you are taking a UMass Boston course for the first time, you can use any of the following methods to register:

Online

uc.umb.edu/moreinfo/registration/cart

Students registering for the first time can submit their registration online using UC's Shopping Cart System. Simply click the "Add Course" button found to the right of each individual course listing.

When your registration is processed, you will be given a user ID and password which you can then use to access WISER for future transactions.

Mail & Fax

Registration forms are found at the back of the bulletin and are available for download on the University College website. Mail registrations to: UMass Boston, University College Registration, Registrar's Office, Campus Center, 100 Morrissey Blvd., Boston, MA 02125-3393 USA. Registrations must be postmarked by the registration deadline for the applicable session. For more info on deadlines, see the Academic Calendar.

You may fax your registration to 617.287.7902. Download the registration form, complete and fax to the number above.

Walk-in

You may register in person at the One Stop Student Service Center, Upper Level, Campus Center. The One Stop is open Monday - Thursday, 8:30am-6:00pm and Friday, 10:00am-4:00pm.

By Permission of Instructor and/or Department

Some courses require special permission to register. These courses are appropriately marked within our website and printed bulletin. Please note that generally following the start of a course, permission of instructor is required in order to register until the add/change deadline of that session. No registrations will be accepted after the add/change deadline.

Note: All registrations are accepted on the basis of available space.

Adding and Dropping Courses

uc.umb.edu/moreinfo/registration/adddrop

Students may add or drop courses online via WISER or in person within the registration deadlines (see Academic Calendar).

To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available by download or from the One Stop). Students may add courses until the Add/Change deadline. If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the One Stop before the Add/Change deadline (no signature is required when a course is being dropped). To add an online course after the first day of classes, please visit our website for instructor contact information.

Please note an important change in policy regarding dropping courses:

Students who drop courses on or before the Drop deadline will be removed from class rosters, and the course will not appear on their transcripts. Between the Drop deadline and the Add/Change deadline, students who drop a course and add another course at the same time will also be removed from the class roster of the dropped course; however, if a student drops a course without adding another course, this will be treated as a withdrawal and a "W" will appear on the student's transcript for that course.

Cancellations

uc.umb.edu/moreinfo/registration/cancellation

The College reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled is eligible for a refund (for refund policy, see page %% 101). If all courses for which the student has registered are canceled, service fees will also be refunded.

University College

Summer 2012 Non-Credit Course Registration

Student ID

Social Security # ___-___-____

Required if a UMass Boston Student ID is not available

Permanent Alien Resident Registration # ___-___-____

Visa Status _____ Country of Citizenship _____

Name _____

Date of Birth _____ Gender ___M/___F

Daytime Phone _____ Evening Phone _____

Email address _____

Mailing address _____

Permanent address _____

Emergency contact _____

Address _____

Phone _____ Relationship to student _____

Job Title _____ Employer _____

Employer Address _____

Have you taken a UMass Boston course before? ___ Y ___ N

Residency Information

Part I: This should be filled out by those applicants who are residents of Massachusetts as defined by the rules and regulations. I have read the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts and I hereby state that pursuant to these rules and regulations, I qualify as a resident of Massachusetts for the following reasons (check one):

__ I am 18 years of age or more, am a U.S. citizen or green card holder, and have resided continuously in Massachusetts since (month/year) ____/____

__ I am under 18, and my parent or legal guardian has resided in Massachusetts since (month/year) ____/____

__ I am married, and my spouse has resided in Massachusetts since (month/year) ____/____

__ If you are a permanent alien resident, please provide your Alien Registration Number and a copy of both sides of your card.

Part II: This should be filled out by those applicants who are not residents of Massachusetts, as defined by the rules and regulations.

__ I do not qualify for classification as a resident of Massachusetts as defined in the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts.

Ethnic Survey Information. Please check appropriate letter.

__ A. American Indian/Alaskan Native
__ B. Black (Non-Hispanic)
__ C. Asian or Pacific Islander
__ D. Hispanic
__ E. Non-resident Immigrant
__ F. White (Non-Hispanic)
__ G. Other_____

Class No.	Catalog No.	Title	Start date	Course Fee
			Course & Lab Fees Total	

Method of Registration

○ Mail ○ Fax 617.287.7902

○ Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and will therefore be returned unprocessed.

Staff Initials

Postmark Date

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston, Registrar's Office, CC 4, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00am-5:00pm, F 8:00am-4:00pm.

☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Third Party or Outside Agency** (Attach documentation)

_____

☐ **Other** _____

Payment By Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency is required. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

University College
Summer 2012 Credit Course Registration

Student ID |_|_|_|_|_|_|_|_|

Social Security # |_|_|_| — |_|_| — |_|_|_|_| Required if a UMass Boston Student ID is not available

Permanent Alien Resident Registration # |_|_|_| — |_|_| — |_|_|_|_|

Visa Status _____ **Country of Citizenship** _____

Name _____ **Date of Birth** _____ **Gender** ___ **M/**___ **F**

Daytime Phone _____ **Evening Phone** _____

Primary address _____

Permanent address _____

Email address _____

Have you taken UMass Boston courses before? ____ **Y** ____ **N**

Residency Information

Part I: This should be filled out by those applicants who are residents of Massachusetts as defined by the rules and regulations. I have read the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts and I hereby state that pursuant to these rules and regulations, I qualify as a resident of Massachusetts for the following reasons (check one):

__ I am 18 years of age or more, am a U.S. citizen or green card holder, and have resided continuously in Massachusetts since (month/year) _____/_____

__ I am under 18, and my parent or legal guardian has resided in Massachusetts since (month/year) _____/_____

__ I am married, and my spouse has resided in Massachusetts since (month/year) _____/_____

__ If you are a permanent alien resident, please give your Alien Registration Number and a copy of both sides of your card -

Part II: This should be filled out by those applicants who are not residents of Massachusetts, as defined by the rules and regulations.

__ I do not qualify for classification as a resident of Massachusetts as defined in the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts.

Ethnic Survey Information. Please circle appropriate letter.

__ American Indian/Alaskan Native
__ Black (Non-Hispanic)
__ Asian or Pacific Islander
__ Hispanic
__ Non-resident Immigrant
__ White (Non-Hispanic)
__ Other _____

Emergency Contact Information: Name: _____ Phone #: _____

Address: _____ Relationship to Student: _____

Class No.	Dept./Catalog No.	Title	Session	Faculty Initials (If required)	Credits	Course Fee	Lab Fee	Course+ Lab Fees Total
							Course & Lab Fees Total	

Calculate Total for Semester

Enter Course & Lab Fees Total	
Service Fees (not applicable if only taking online courses)	$160
Records Fee (Non-matriculated students only)	$10
FINAL TOTAL	

Method of Registration

○ Mail ○ Fax 617.287.7902

○ Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and will therefore be returned unprocessed.

Staff Initials _____

Postmark Date _____

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston, Registrar's Office, CC 4, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

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☐ **I am using financial aid.**

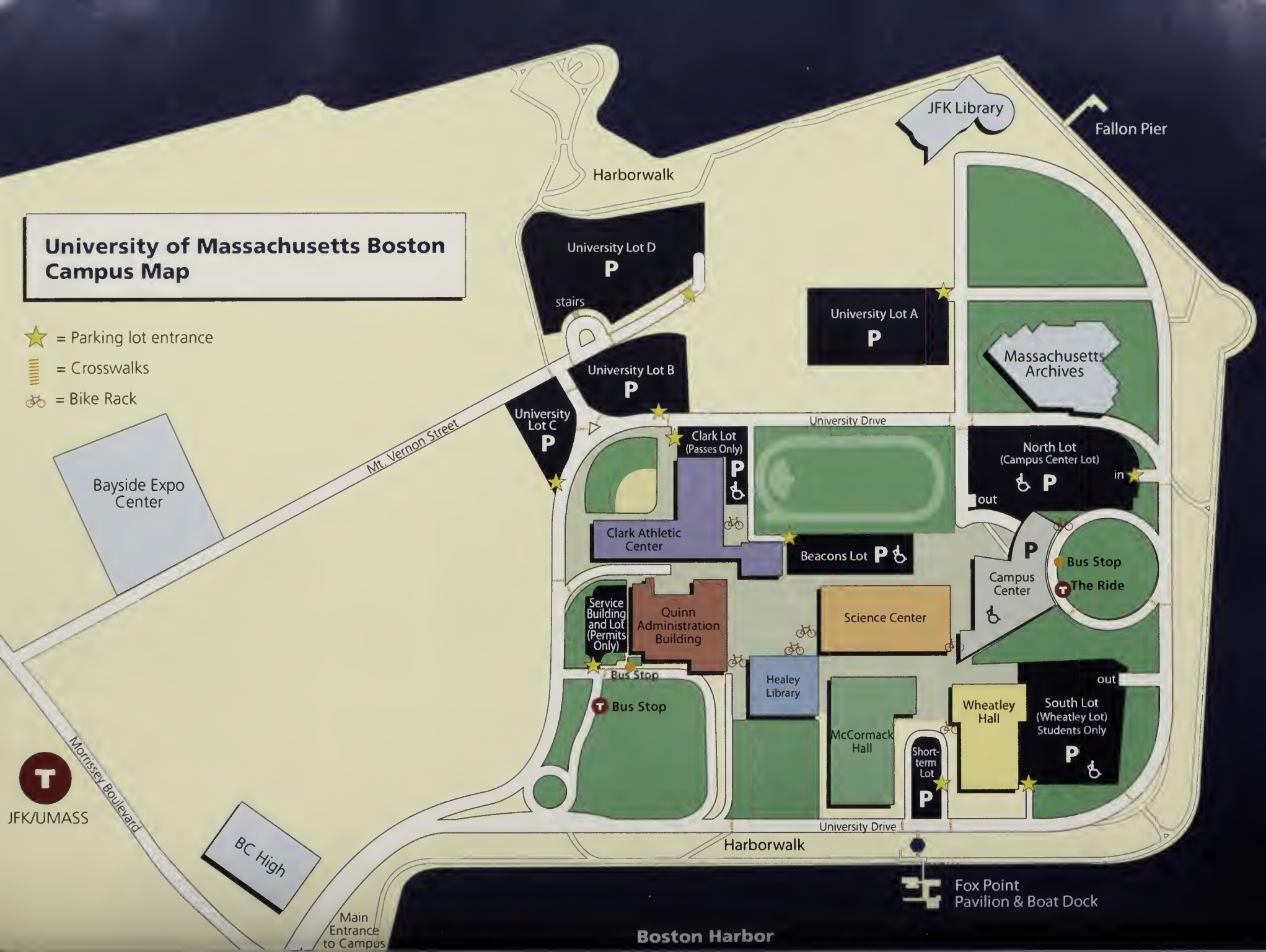
☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Third Party or Outside Agency** (Attach documentation)

☐ **Other** _____

Payment By Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency is required. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.


University of Massachusetts Boston Campus Map
= Parking lot entrance
= Crosswalks
= Bike Rack
JFK Library
Fallon Pier
Harborwalk
University Lot D
P
stairs
University Lot A
P
Massachusetts Archives
University Lot B
P
University Lot C
P
Mt. Vernon Street
University Drive
Clark Lot (Passes Only)
P
North Lot (Campus Center Lot)
P
in
out
Bayside Expo Center
Clark Athletic Center
Beacons Lot P
P
Campus Center
Bus Stop
The Ride
Service Building and Lot (Permits Only)
Quinn Administration Building
Science Center
Bus Stop
Bus Stop
Healey Library
out
Wheatley Hall
South Lot (Wheatley Lot) Students Only
P
McCormack Hall
Short-term Lot
P
University Drive
Harborwalk
JFK/UMASS
Morrissey Boulevard
BC High
Fox Point Pavilion & Boat Dock
Main Entrance to Campus
Boston Harbor

UNIVERSITY COLLEGE
UNIVERSITY OF MASSACHUSETTS BOSTON

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